

CriticalCubing CMLL Sheet

These are all the fast, finger-tricky CMLL's that I use. **Bolded one** is what I use (and would recommend using) and the other alg is an alternative(if there is an alt alg).
CMLL images taken from algdb. Take a look at [Kian's CMLL's](#) too for more algs.

H CMLL

Vertical Bars (Columns)  R U2 R' U' R U R' U' R U' R' (U) R U R' U R U' R' U R U2' R'	Horizontal Bars (Rows)  F R U R' U' R U R' U' R U R' U' F'
Single Vertical Bar (Row)  r U' r2' D' r U' r' D r2 U r' (U) R' F' R U2 R U2 R' F U' R U' R'	Single Horizontal Bar (Column)  R U2 R2 F R F' U2 R' F R F'

T CMLL

Same-1(Rows)  F R' F R2 U' R' U' R U R' F2	Same-2 (Back Row)  r' D' r U r' D r U' r U r'
Opposite-1(Front Row)  r' U r U2 R2 F R F' R	Opposite-2 (Columns)  r U' r2' D' r U2 r' D r2 U r'

Adjacent-1 (Right Bar)  F R U' R' U R U R' F' R' U' F U R U' R' F' R	Adjacent-2 (Left Bar)  R U R' U' R' F R F'
--	---

U CMLL

Same-1(Rows)  F R2 D R' U R D' R2' U' F'	Same-2 (Back Row)  F R U R' U' F'
Opposite-1 (X Checkerboard)  r U' r' U r' D' r U' r' D r	Opposite-2 (Front Row)  R2' F U' F U F2 R2 U' R' F R
Adjacent-1(Forward Slash)  R2 D R' U2 R D' R' U2 R'	Adjacent-2 (Back Slash)  R2' D' R U2 R' D R U2 R

L CML

Same-1 (Back Commutator)	Same-2 (Front Commutator)
---------------------------------	----------------------------------

 R' U2 R' D' R U2 R' D R2	 R U2 R D R' U2 R D' R2
Opposite-2 (Mirror)  F R U' R' U' R U R' F'	Opposite-1 (Inverse)  F R' F' R U R U' R'
Adjacent-1 (Pure)  R U R' U R U2 R' U R' U' R U' R' U2 R	Adjacent-2 (Diag)  R U2 R2 F R F' R U2 R'

Pi CMLL

Same-1 (Right Bar)  F R U R' U' R U R' U' F'	Same-2 (Columns)  r U' r2' D' r U r' D r2 U r'
Opposite-1(X Checkerboard)  R' F R U F U' R U R' U' F'	Opposite-2 (Left Bar)  R' U' R' F R F' R U' R' U2 R
Adjacent-1(Back Slash)	Adjacent-2 (Forward Slash)



$F R' F' R U^2 R U' R' U R U^2 R'$



$R U^2 R' U' R U R' U^2 R' F R F'$

Sune CMLL

Same-1(Left Bar)



$R U R' U R U^2 R'$

Same-2 (X Checkerboard)



$L' U^2 L U^2 L' F' L' F$
(U') $R U R^2 F' U' F R^2 U' R^2 U^2 R$

Opposite-1 (Columns)



$R' U' R U' R^2 F' R U R U' R' F U^2 R$

Opposite-2 (Right Bar)



$R U R' U R' F R F' R U^2 R'$

Adjacent-1 (Forward Slash)



$F R' F' R U^2 R U^2 R'$

Adjacent-2 (Back Slash)



$R U' L' U R' U' L$

Anti Sune CMLL

Same-1(Right Bar)



$R U^2 R' U' R U' R'$

Same-2 (X Checkerboard)



$R U^2 R' U^2 R' F R F'$

Opposite-1(Columns)



R2 D R' U R D' R' U R' U' R U' R'

Opposite-2(Left Bar)



R' U' R U' R' U R' F R F' U R

Adjacent-1(Forward Slash)



L' U R U' L U R'

Adjacent-2 (Back Slash)



F' r U r' U2' r' F2 r
R2 D R' U2 R D' R2 U' R U' R'