

**CUSIA**

Reds

Dark reds

Light reds

Blues

Greens

Yellows

neutral

Greys

**CUSIA**

CUSIAHot

CUSIACool

CUSIAdivergent

CUSIARedGrey

CUSIAneutralwgreymap

CUSIAJet

CUSIAreddyellow

CUSIAbpr

CUSIAplasma

CUSIAviridis

CUSIAcividis

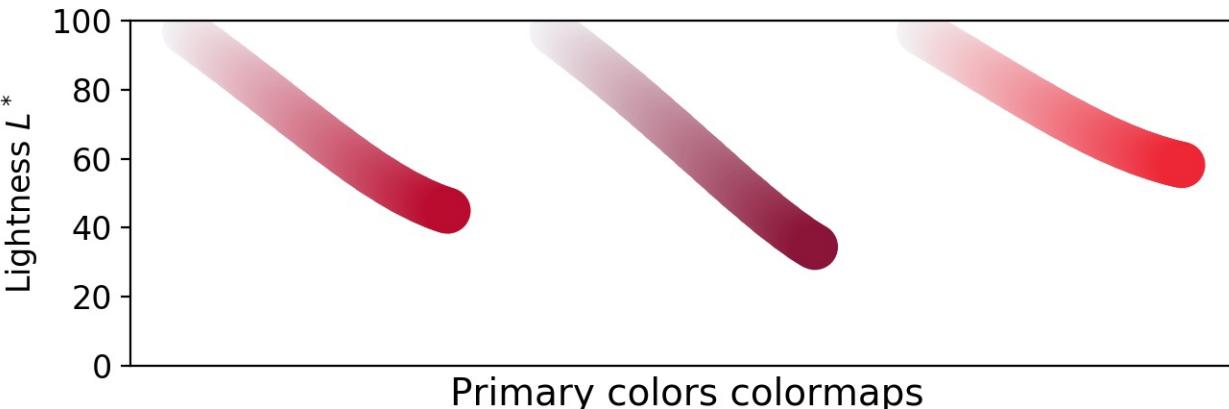
CUSIAxmass

CUSIAaurora

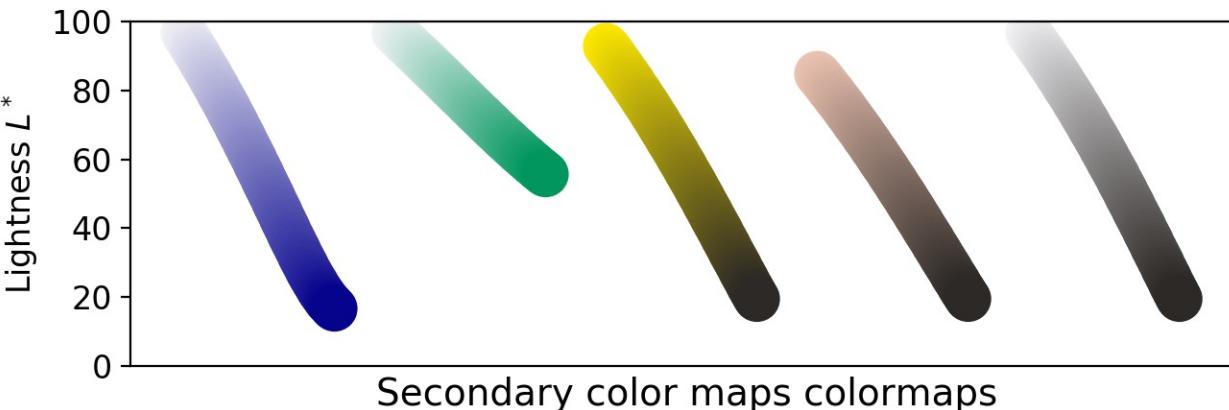
# Light curves

Ideally these would be straight lines.

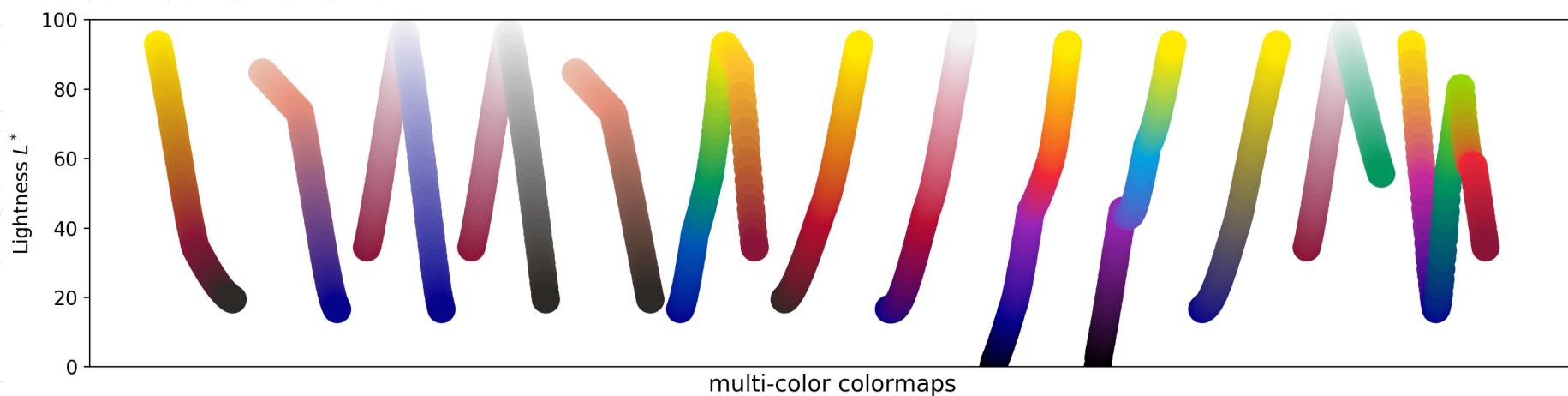
Any bends means that there is a spot where people will see a distinction/event/point of interest where there isn't one. And also, may have issues when considering from an accessibility point of view.



Primary colors colormaps

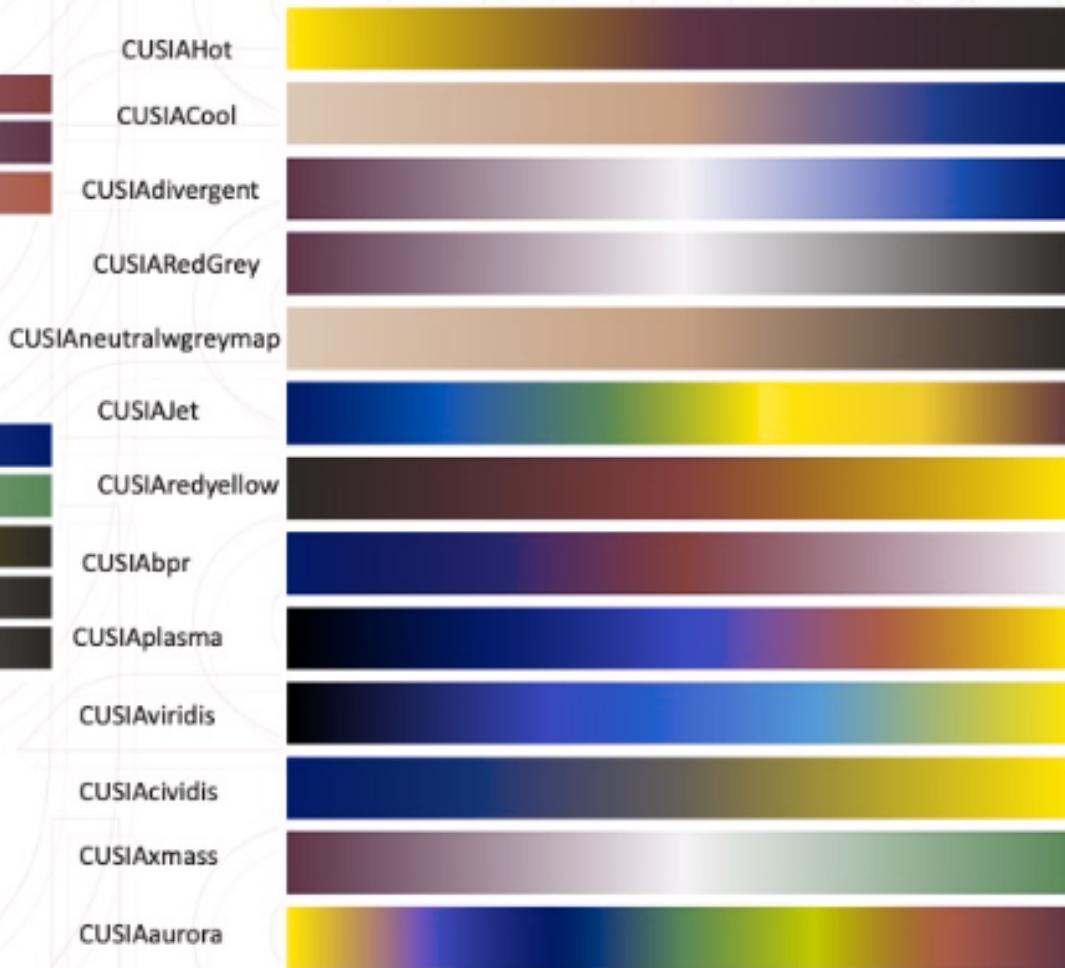
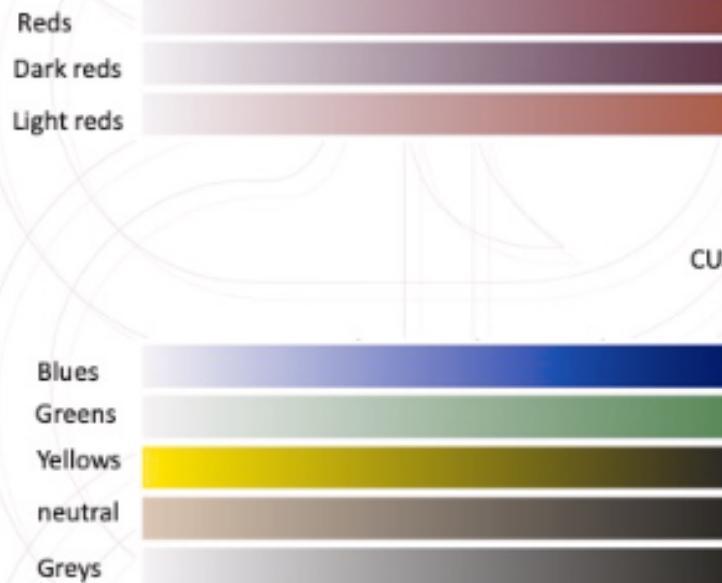


Secondary color maps colormaps



multi-color colormaps

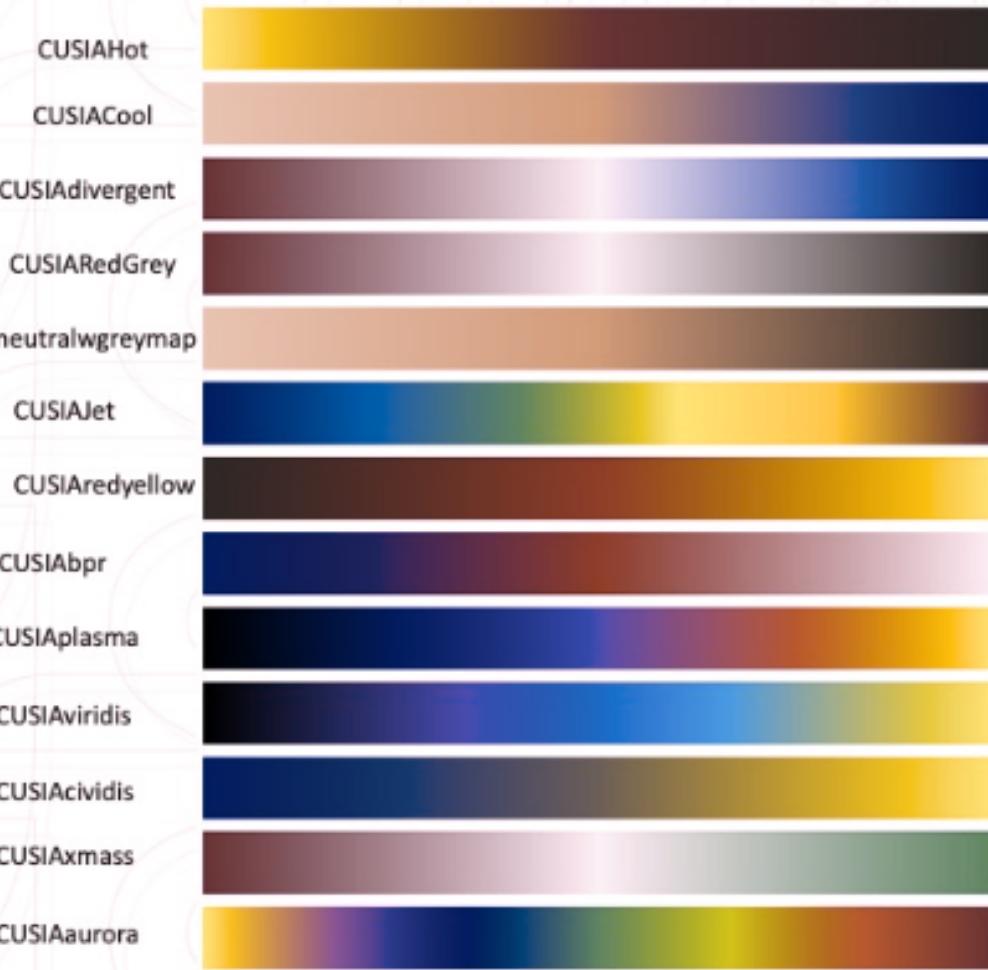
# Anomalous Trichromacy: Red-Weak/Protanomaly



# Anomalous Trichromacy: Green-Weak/Deuteranomaly

Reds  
Dark reds  
Light reds

Blues  
Greens  
Yellows  
neutral  
Greys



# Anomalous Trichromacy: Blue-Weak/Tritanomaly

Reds  
Dark reds  
Light reds

CUSIAHot

CUSIACool

Blues  
Greens  
Yellows  
neutral  
Greys

CUSIAdivergent  
CUSIARedGrey  
CUSIAnetralwgreymap

CUSIAJet

CUSIAreddyellow

CUSIApqr

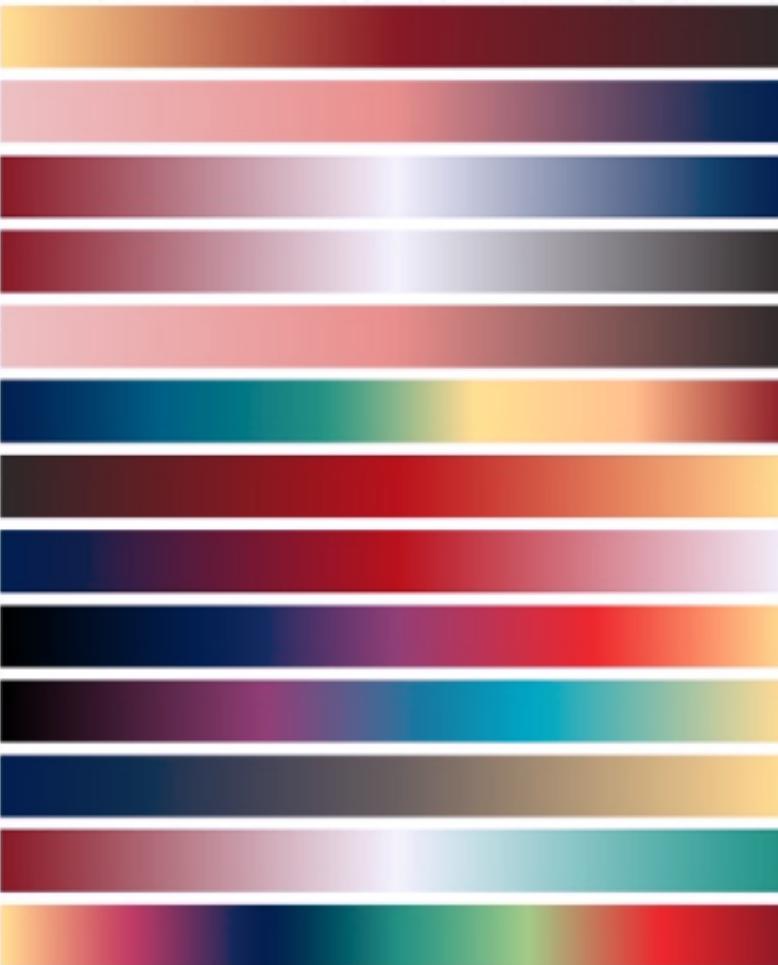
CUSIAplasma

CUSIAviridis

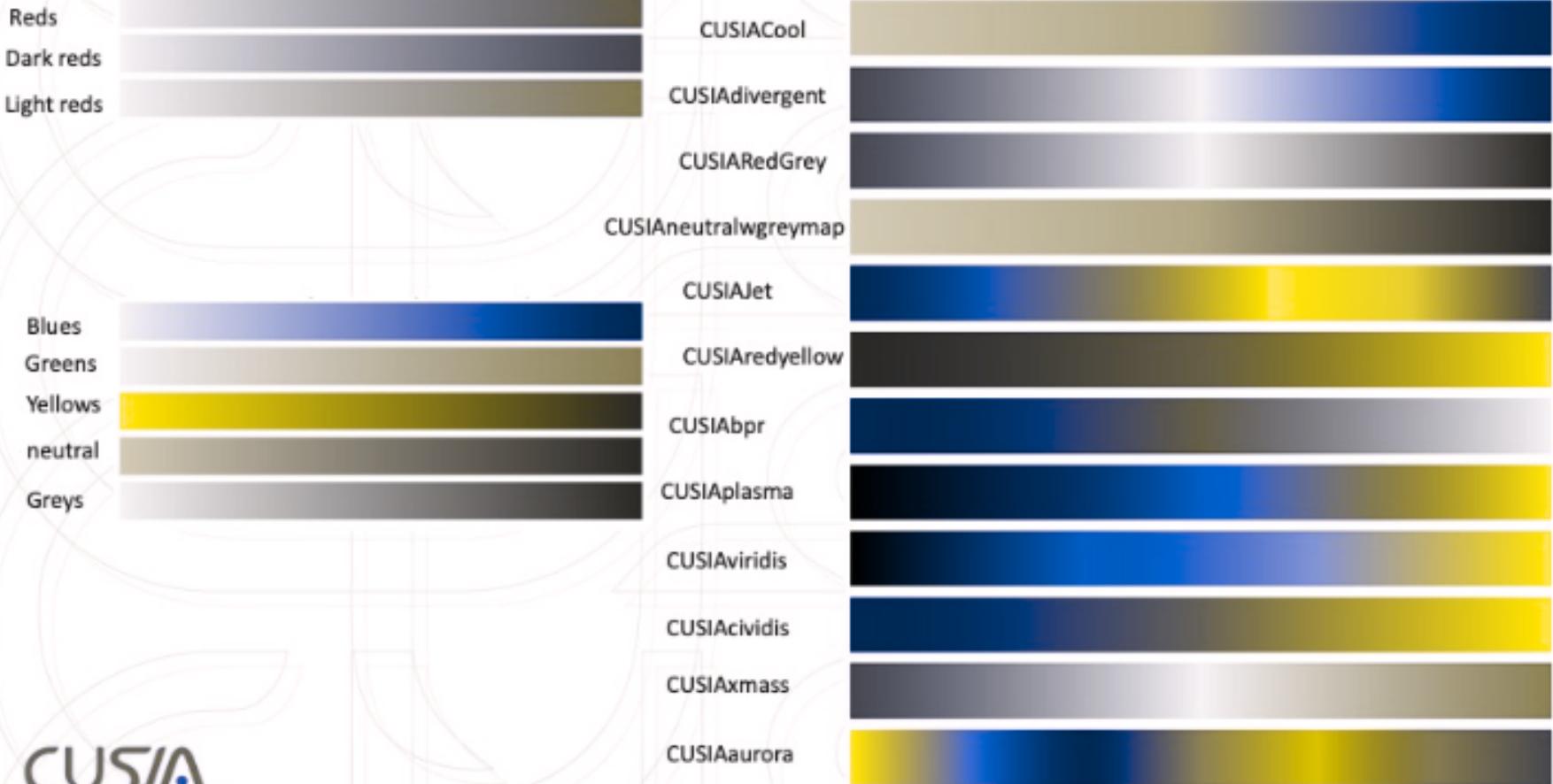
CUSIAcividis

CUSIAxmass

CUSIAaurora



# Dichromatic view: Red-Blind/Protanopia



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# Dichromatic view: Green-Blind/Deutanopia

Reds  
Dark reds  
Light reds

Blues  
Greens  
Yellows  
neutral  
Greys

CUSIAHot

CUSIACool

CUSIAdivergent

CUSIARedGrey

CUSIANeutralwgreymap

CUSIAJet

CUSIAredyellow

CUSIAbpr

CUSIAplasma

CUSIAviridis

CUSIAcividis

CUSIAxmass

CUSIAaurora

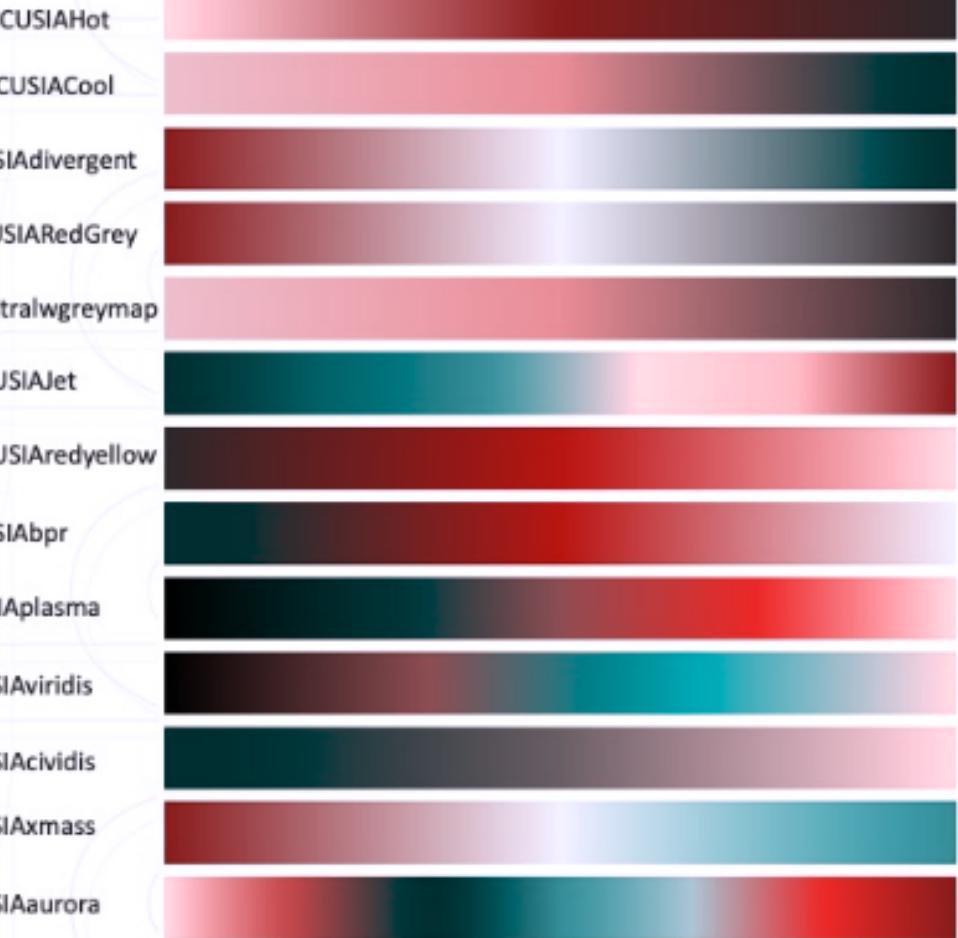
**CUSIA**

VIS

# Dichromatic view: Blue-Blind/Tritanopia

Reds  
Dark reds  
Light reds

Blues  
Greens  
Yellows  
neutral  
Greys



**CUSIA**



# Monochromatic view: Monochromacy/Achromatopsia

Reds  
Dark reds  
Light reds

Blues  
Greens  
Yellows  
neutral  
Greys

CUSIAHot

CUSIACool

CUSIAdivergent

CUSIARedGrey

CUSIANeutralwgreymap

CUSIAJet

CUSIAreddyellow

CUSIAbpr

CUSIAplasma

CUSIAviridis

CUSIAcividis

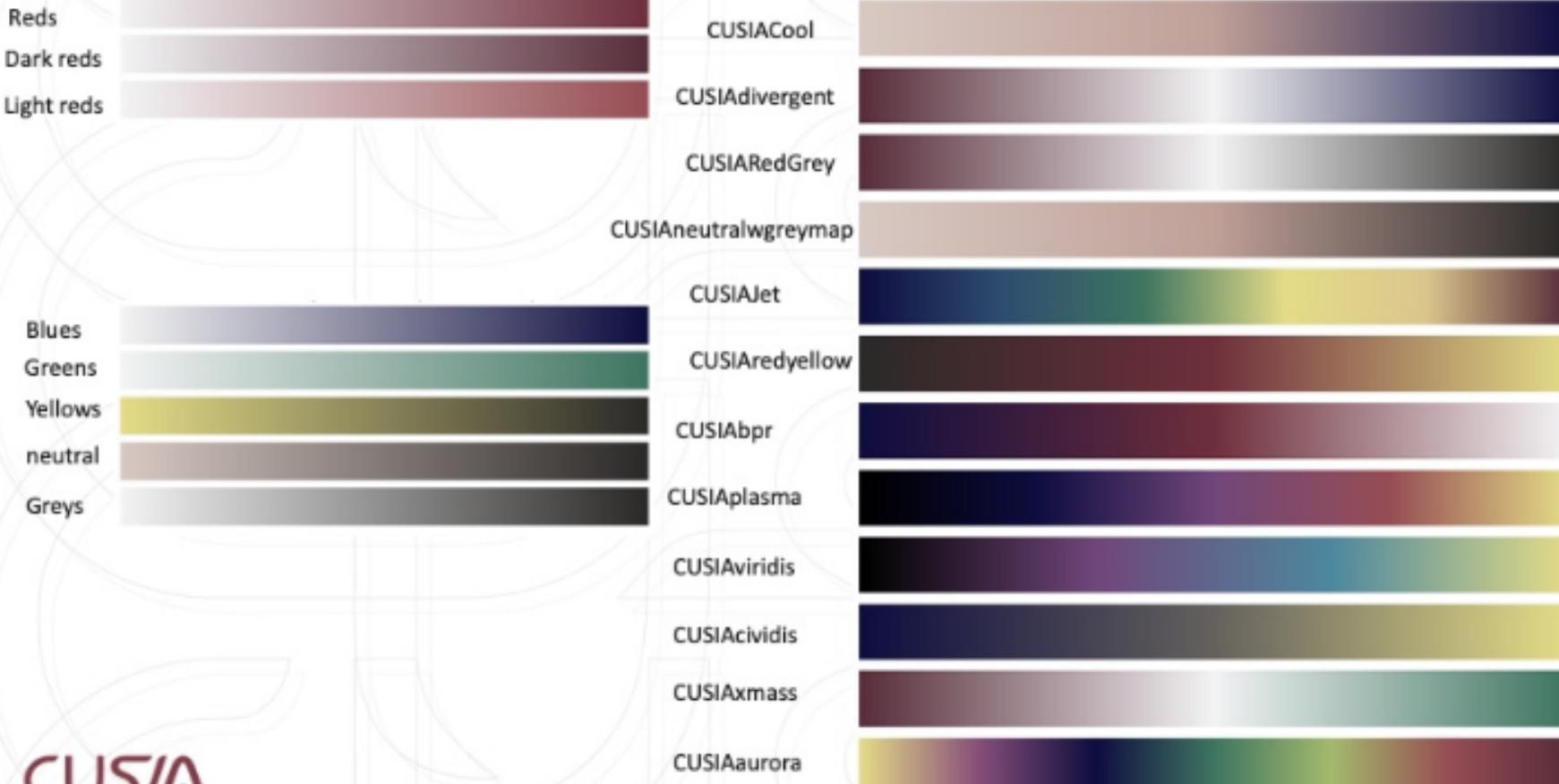
CUSIAxmass

CUSIAaurora

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# Monochromatic view: Blue Cone Monochromacy



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