

Converting Colors

CIELCh(66, 29.649, 255.894)

Have a look what the booklet for
CIELCh(66, 29.649, 255.894)
contains.

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Color

CIELCh(66, 29.461, 254.992)

Conversions

Conversions Part 1

Format	Color
Hex	6AA7D3
RGB	106, 167, 211
RGB Percent	42%, 65%, 83%
CMY	0.5850, 0.3457, 0.1732
CMYK	0.50, 0.21, 0.00, 0.17
HSL	205°, 54%, 62%
HSV	205°, 50%, 83%
XYZ	31.4468, 35.3238, 66.6737
YIQ	153.7770, -50.4800, 0.7520

Conversions

Conversions Part 2

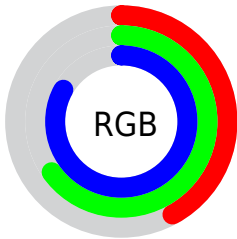
Format	Color
R _Y B	106, 145, 211
Decimal	6989779
CIE Lab	66.00, -7.63, -28.46
CIE LCh	66, 29.461, 254.992
Yxy	35.3238, 0.2357, 0.2647
Android (android.graphics.Color)	4285179859 (0xFF6AA7D3)
YUV	153.7770, 28.2109, -41.9004
Hunter-Lab	59.4338, -9.5639, -24.9087

Details

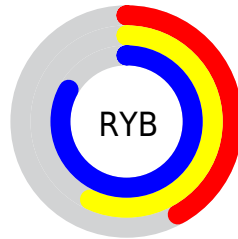
The CIELCh color `66, 29.461, 254.992` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `67, 36.867, 60.995`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 24.571, 243.733`, and `46, 29.398, 254.977` is the 20% darker color. If you saturate the color by 10%, you get `63, 34.604, 257.996`, and if you desaturate by 10%, it is `70, 24.023, 252.497`.

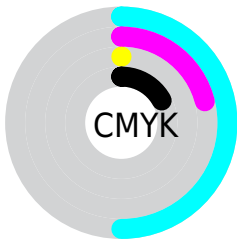
Distribution



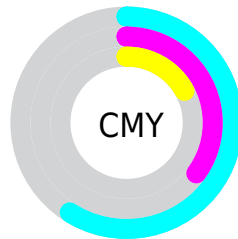
- Red (42%)
- Green (65%)
- Blue (83%)



- Red (42%)
- Yellow (57%)
- Blue (83%)



- Cyan (50%)
- Magenta (21%)
- Yellow (0%)
- Black (17%)




- Cyan (59%)
- Magenta (35%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 29.461, 254.992 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 66, 29.461, 254.992 by changing the saturation by 10% instead.


 66, 29.461,
254.992


 66, 29.461,
254.992


 100, 29.461,
254.992


 56, 29.461,
254.992


 86, 29.461,
254.992

 46, 29.461,
254.992

 96, 29.461,
254.992

 36, 29.461,
254.992

 26, 29.461,
254.992

 16, 29.461,
254.992

 6, 29.461, 254.992

 0, 29.461, 254.992

66, 29.461,
254.992

66, 29.461,
254.992

63, 34.604,
257.996

70, 24.023,
252.497

59, 39.474,
261.565

73, 18.308,
250.441

56, 44.135,
265.712

77, 12.351,
248.753

53, 48.702,
270.370

81, 6.194, 247.385

50, 53.354,
275.269

85, 0.119, 62.388

50, 53.448,
275.361

88, 6.547, 65.108

92, 13.055, 64.325

95, 15.146, 83.501

97, 18.339, 98.618

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66, 29.461, 254.992



67, 36.867, 60.995

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66, 29.461, 254.992



66, 29.461, 304.992



66, 29.461, 74.992



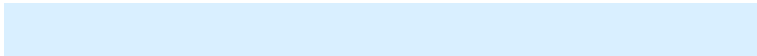
66, 29.461, 124.992

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66, 29.460, 254.991



93, 10.985, 248.079



77, 49.063, 154.394



49, 7.473, 248.380



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 29.460, 254.991



74, 40.434, 258.277



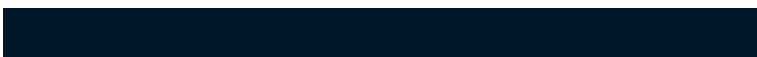
52, 55.761, 294.264



42, 3.563, 247.337



40, 44.595, 274.512



7, 14.504, 263.035

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59, 50.473, 344.242



65, 69.006, 345.735



80, 49.662, 101.393



41, 5.731, 340.213



36, 63.586, 354.297



5, 22.772, 348.577

Previews

White Background



This preview shows how the CIELCh color 66, 29.461, 254.992 looks on a white background.

Color Contrast Check

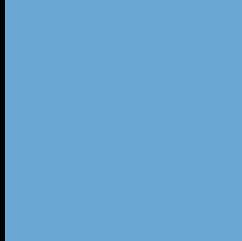
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 29.461, 254.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

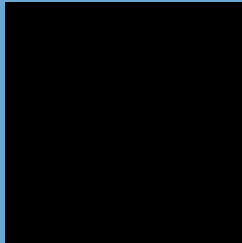
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

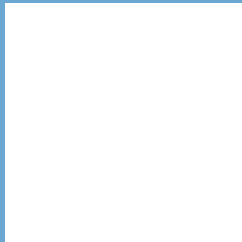
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 29.461, 254.992

Background



This preview shows how black text looks on a background with the CIELCh color 66, 29.461, 254.992.

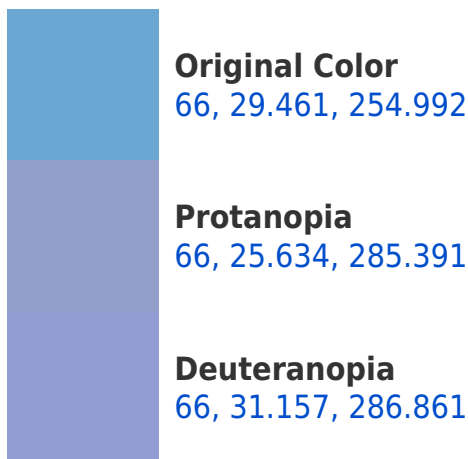



This preview shows how white text looks on a background with the CIELCh color 66, 29.461, 254.992.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

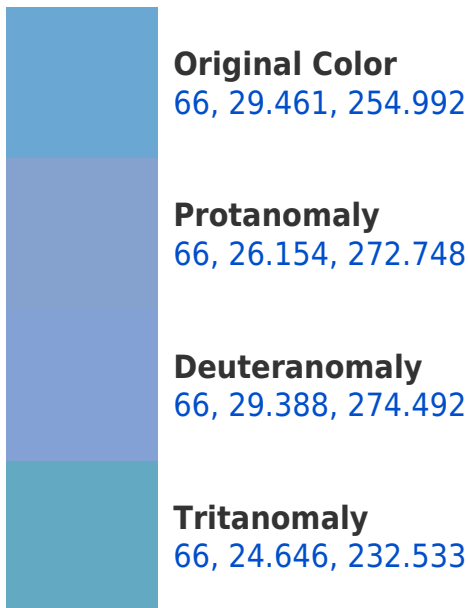
Dichromacy



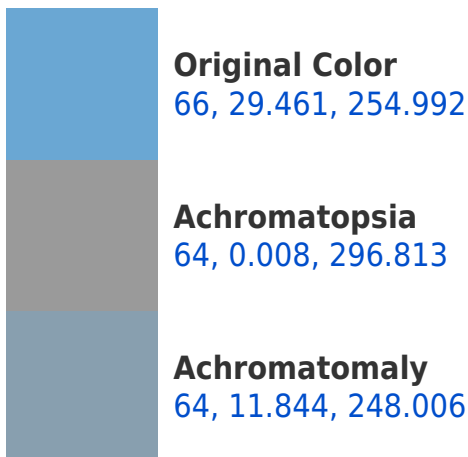


Tritanopia
66, 24.015, 216.693

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 29.461, 254.992 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(106, 167, 211)` looks like.

```
.text, #text, p{  
    color:rgb(106, 167, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(106, 167, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 167, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 29.461, 254.992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 167, 211) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(106, 167, 211) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(106, 167, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 167, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 167, 211);  
box-shadow:4px 4px 4px 4px rgb(106, 167,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 29.461, 254.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 167, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(106,  
167, 211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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