

Converting Colors

CIELCh(66, 38.440, 262.700)

Have a look what the booklet for
CIELCh(66, 38.440, 262.700)
contains.

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Color

CIELCh(66, 38.490, 262.782)

Conversions

Conversions Part 1

Format	Color
Hex	5CA6E4
RGB	92, 166, 228
RGB Percent	36%, 65%, 89%
CMY	0.6375, 0.3476, 0.1044
CMYK	0.60, 0.27, 0.00, 0.10
HSL	207°, 72%, 63%
HSV	207°, 60%, 90%
XYZ	32.2149, 35.3238, 78.8007
YIQ	150.9420, -64.0060, 3.5940

Conversions

Conversions Part 2

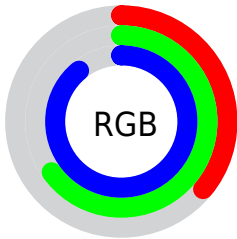
Format	Color
R _Y B	92, 140, 228
Decimal	6072036
CIE Lab	66.00, -4.84, -38.18
CIE LCh	66, 38.490, 262.782
Yxy	35.3238, 0.2201, 0.2414
Android (android.graphics.Color)	4284262116 (0xFF5CA6E4)
YUV	150.9420, 37.9896, -51.6921
Hunter-Lab	59.4338, -7.2571, -37.0063

Details

The CIELCh color **66, 38.490, 262.782** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **70, 48.356, 63.634**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.812, 240.565**, and **46, 38.541, 262.970** is the 20% darker color. If you saturate the color by 10%, you get **62, 44.247, 266.391**, and if you desaturate by 10%, it is **70, 32.532, 259.714**.

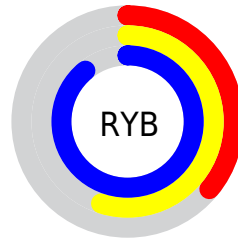
Distribution



Red (36%)

Green (65%)

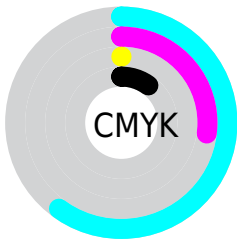
Blue (89%)



Red (36%)

Yellow (55%)

Blue (89%)

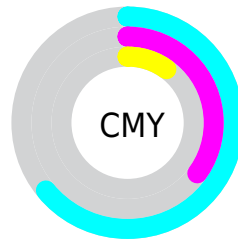


Cyan (60%)

Magenta (27%)

Yellow (0%)

Black (10%)



Cyan (64%)


Magenta (35%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 38.490, 262.782 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, 38.490, 262.782 by changing the saturation by 10% instead.


 66, 38.490,
262.782


 66, 38.490,
262.782


 100, 38.490,
262.782


 56, 38.490,
262.782


 86, 38.490,
262.782

 46, 38.490,
262.782

 96, 38.490,
262.782

 36, 38.490,
262.782

 26, 38.490,
262.782

 16, 38.490,
262.782

 6, 38.490, 262.782

 0, 38.490, 262.782

66, 38.490,
262.782

66, 38.490,
262.782

62, 44.247,
266.391

70, 32.532,
259.714

59, 49.881,
270.534

74, 26.348,
257.143

55, 55.512,
275.127

78, 19.940,
255.004

52, 61.297,
279.911

82, 13.335,
253.233

52, 61.576,
280.125

87, 6.570, 251.782

91, 0.318, 69.073

95, 7.291, 69.364

98, 10.990, 99.273

99, 13.467,

Harmonies

Complementary

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



66, 38.490, 262.782



70, 48.356, 63.634

Rectangle

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



66, 38.490, 262.782



66, 38.490, 312.782



66, 38.490, 82.782



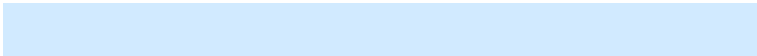
66, 38.490, 132.782

Sweetspot

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



66, 38.489, 262.782



92, 13.458, 253.008



82, 59.600, 154.453



48, 9.324, 253.478



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, 38.489, 262.782



68, 49.262, 267.138



48, 75.377, 297.838



46, 3.930, 251.773



41, 50.446, 279.291



9, 18.357, 270.215

Inverse Universe

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



59, 61.538, 347.858



61, 76.392, 350.069



87, 63.953, 102.177



45, 6.030, 342.082



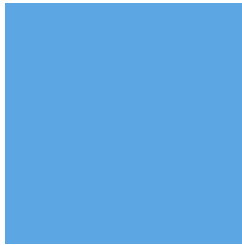
39, 65.515, 357.799



7, 28.095, 351.691

Previews

White Background



This preview shows how the CIE LCh color 66, 38.490, 262.782 looks on a white background.

Color Contrast Check

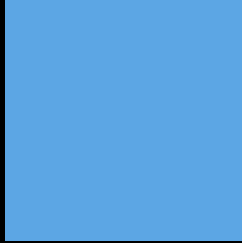
Large Text (above 18pt) WCAG AA × Fail

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, 38.490, 262.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

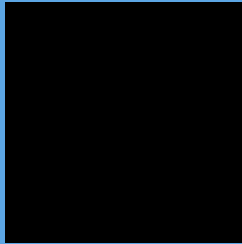
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

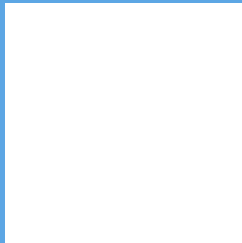
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 38.490, 262.782

Background



This preview shows how black text looks on a background with the CIELCh color 66, 38.490, 262.782.

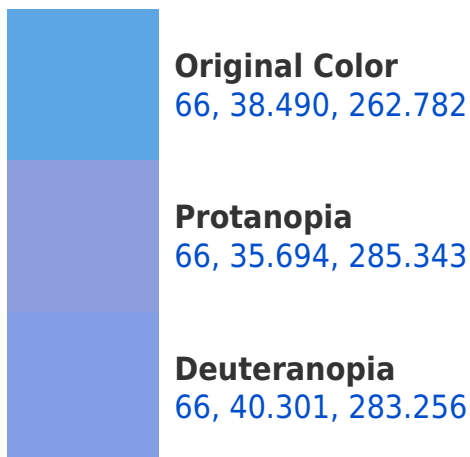


This preview shows how white text looks on a background with the CIELCh color 66, 38.490, 262.782.

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](#).

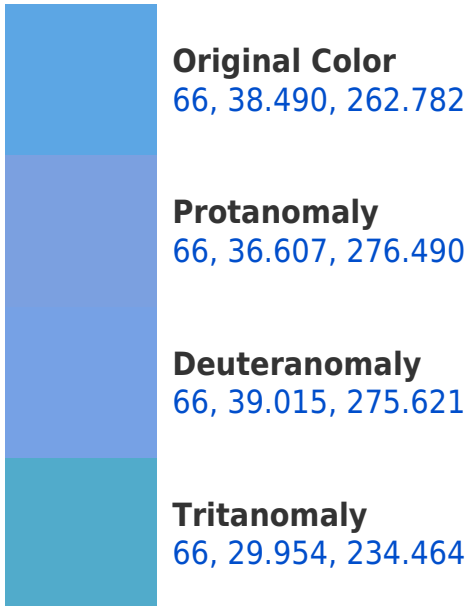
Dichromacy



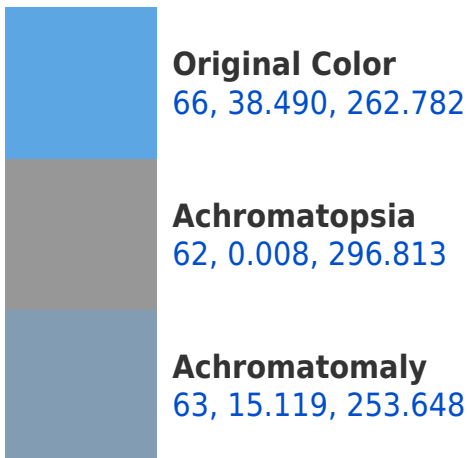


Tritanopia
66, 29.209, 212.812

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 38.490, 262.782 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(92, 166, 228)` looks like.

```
.text, #text, p{  
    color:rgb(92, 166, 228)  
}
```

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(92, 166, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 166, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 38.490, 262.782 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(92, 166, 228) }
```

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

```
.border{ border-color:rgb(92, 166, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 166, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 166, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 166, 228);  
box-shadow:4px 4px 4px 4px rgb(92, 166,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 38.490, 262.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 166, 228) }
```

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

```
.background{ background-color: rgb(92, 166,  
228) }
```

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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