

Converting Colors

CIELCh(66, 33.690, 260.352)

Have a look what the booklet for
CIELCh(66, 33.690, 260.352)
contains.

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Color

CIELCh(66, 33.589, 260.413)

Conversions

Conversions Part 1

Format	Color
Hex	66A6DB
RGB	102, 166, 219
RGB Percent	40%, 65%, 86%
CMY	0.5990, 0.3481, 0.1402
CMYK	0.53, 0.24, 0.00, 0.14
HSL	207°, 62%, 63%
HSV	207°, 53%, 86%
XYZ	32.0052, 35.3238, 72.3187
YIQ	152.9060, -55.1570, 2.9150

Conversions

Conversions Part 2

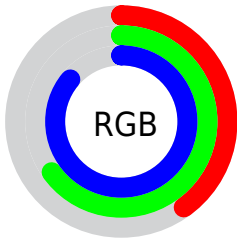
Format	Color
RYB	102, 143, 219
Decimal	6727387
CIELab	66.00, -5.59, -33.12
CIELCh	66, 33.589, 260.413
Yxy	35.3238, 0.2292, 0.2529
Android (android.graphics.Color)	4284917467 (0xFF66A6DB)
YUV	152.9060, 32.5843, -44.6446
Hunter-Lab	59.4338, -7.8868, -30.5400

Details

The CIELCh color **66, 33.589, 260.413** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **69, 41.278, 64.057**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 25.282, 243.853**, and **46, 33.788, 260.982** is the 20% darker color. If you saturate the color by 10%, you get **62, 39.233, 263.668**, and if you desaturate by 10%, it is **70, 27.722, 257.674**.

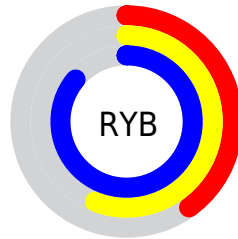
Distribution



Red (40%)

Green (65%)

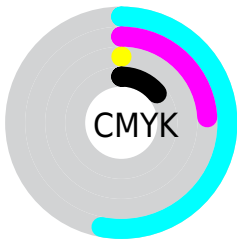
Blue (86%)



Red (40%)

Yellow (56%)

Blue (86%)

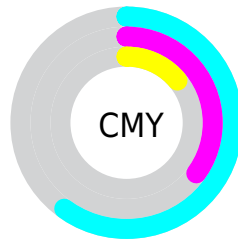


Cyan (53%)

Magenta (24%)

Yellow (0%)

Black (14%)



Cyan (60%)

Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 33.589, 260.413 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, 33.589, 260.413 by changing the saturation by 10% instead.

■ 66, 33.589,
260.413

■ 66, 33.589,
260.413

■ 100, 33.589,
260.413

■ 56, 33.589,
260.413

■ 86, 33.589,
260.413

■ 46, 33.589,
260.413

■ 96, 33.589,
260.413

■ 36, 33.589,
260.413

■ 26, 33.589,
260.413

■ 16, 33.589,
260.413

■ 6, 33.589, 260.413

■ 0, 33.589, 260.413

66, 33.589,
260.413

66, 33.589,
260.413

62, 39.233,
263.668

70, 27.722,
257.674

59, 44.699,
267.469

74, 21.629,
255.392

55, 50.077,
271.787

78, 15.330,
253.500

52, 55.494,
276.501

82, 8.858, 251.939

86, 2.251, 250.762

50, 59.202,
279.653

90, 4.456, 69.363

94, 11.050, 69.549

97, 13.894, 94.866

99, 18.079,
108.810

Harmonies

Complementary

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



66, 33.589, 260.413



69, 41.278, 64.057

Rectangle

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



66, 33.589, 260.413



66, 33.589, 310.413



66, 33.589, 80.413



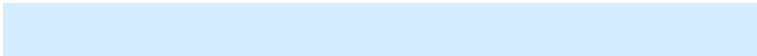
66, 33.589, 130.413

Sweetspot

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



66, 33.588, 260.413



93, 11.960, 252.341



80, 52.401, 155.412



48, 8.058, 252.657



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, 33.588, 260.413



71, 44.709, 264.090



50, 64.577, 296.398



44, 3.779, 251.412



40, 48.971, 278.829



8, 16.809, 268.510

Inverse Universe

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



59, 54.345, 346.700



64, 71.224, 348.501



84, 56.191, 102.753



43, 5.820, 341.922



37, 64.201, 357.433



6, 25.601, 351.151

Previews

White Background



This preview shows how the CIELCh color 66, 33.589, 260.413 looks on a white background.

Color Contrast Check

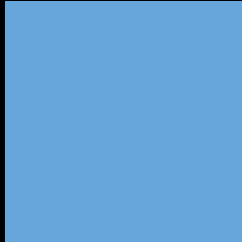
Large Text (above 18pt) WCAG AA × Fail

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, 33.589, 260.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

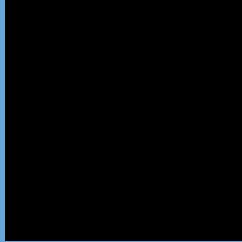
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 33.589, 260.413

Background



This preview shows how black text looks on a background with the CIELCh color 66, 33.589, 260.413.

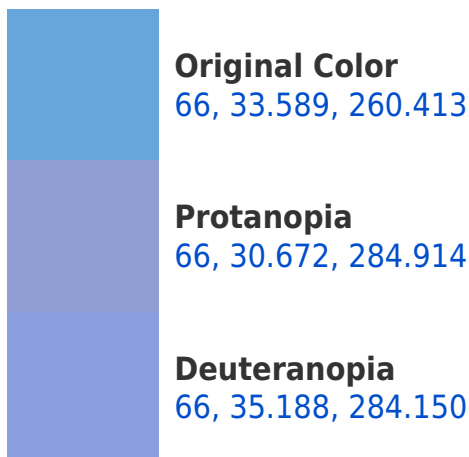



This preview shows how white text looks on a background with the CIELCh color 66, 33.589, 260.413.

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](#).

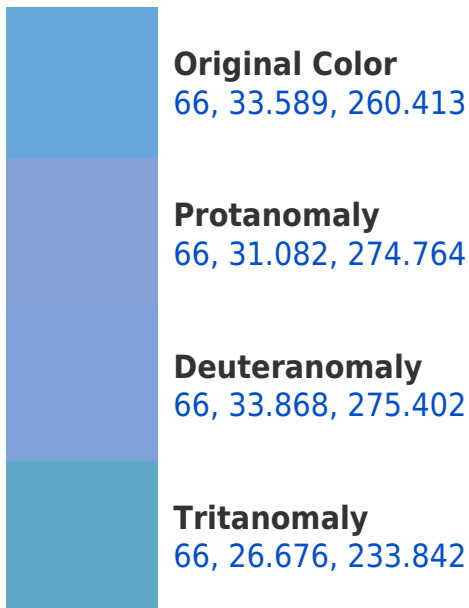
Dichromacy



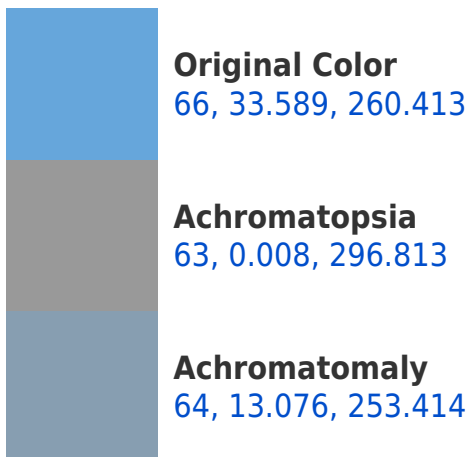


Tritanopia
66, 25.805, 215.189

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 33.589, 260.413 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(102, 166, 219)` looks like.

```
.text, #text, p{  
    color:rgb(102, 166, 219)  
}
```

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(102, 166, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 166, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 33.589, 260.413 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(102, 166, 219) }
```

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

```
.border{ border-color:rgb(102, 166, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 166, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 166, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 166, 219);  
box-shadow:4px 4px 4px 4px rgb(102, 166,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 33.589, 260.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 166, 219) }
```

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

```
.background{ background-color: rgb(102,  
166, 219) }
```

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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