

Converting Colors

CIELCh(66, 26.842, 250.326)

Have a look what the booklet for
CIELCh(66, 26.842, 250.326)
contains.

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Color

CIELCh(66, 26.845, 250.663)

Conversions

Conversions Part 1

Format	Color
Hex	6CA7CD
RGB	108, 167, 205
RGB Percent	42%, 65%, 80%
CMY	0.5757, 0.3444, 0.1953
CMYK	0.47, 0.19, 0.00, 0.20
HSL	204°, 49%, 61%
HSV	204°, 47%, 80%
XYZ	31.1043, 35.3238, 63.0601
YIQ	153.6910, -47.3620, -0.6900

Conversions

Conversions Part 2

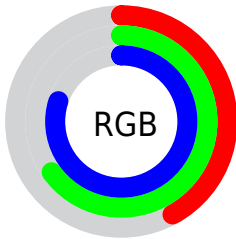
Format	Color
RYB	108, 145, 205
Decimal	7120845
CIELab	66.00, -8.89, -25.33
CIELCh	66, 26.845, 250.663
Yxy	35.3238, 0.2402, 0.2728
Android (android.graphics.Color)	4285310925 (0xFF6CA7CD)
YUV	153.6910, 25.2953, -40.0710
Hunter-Lab	59.4338, -10.5925, -21.3038

Details

The CIELCh color **66, 26.845, 250.663** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **66, 33.963, 58.451**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 24.378, 244.199**, and **46, 27.006, 251.245** is the 20% darker color. If you saturate the color by 10%, you get **63, 31.682, 253.449**, and if you desaturate by 10%, it is **69, 21.666, 248.372**.

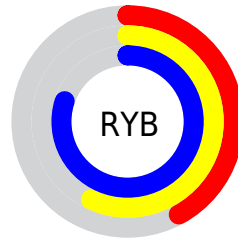
Distribution



Red (42%)

Green (65%)

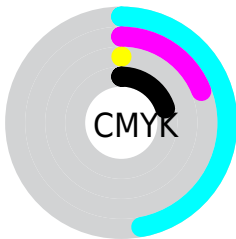
Blue (80%)



Red (42%)

Yellow (57%)

Blue (80%)

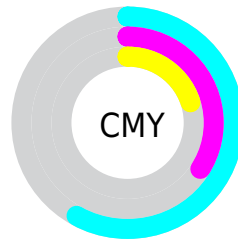


Cyan (47%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (58%)


Magenta (34%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 26.845, 250.663 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, 26.845, 250.663 by changing the saturation by 10% instead.

 66, 26.845,
250.663


 66, 26.845,
250.663


 100, 26.845,
250.663


 56, 26.845,
250.663


 86, 26.845,
250.663

 46, 26.845,
250.663

 96, 26.845,
250.663

 36, 26.845,
250.663

 26, 26.845,
250.663

 16, 26.845,
250.663

 6, 26.845, 250.663

 0, 26.845, 250.663

66, 26.845,
250.663

66, 26.845,
250.663

63, 31.682,
253.449

69, 21.666,
248.372

60, 36.180,
256.803

73, 16.179,
246.501

57, 40.383,
260.762

76, 10.425,
244.980

54, 44.389,
265.302

80, 4.455, 243.779

83, 1.684, 62.365

51, 48.357,
270.271

87, 7.949, 61.719

51, 49.478,
271.594

91, 14.303, 61.027

93, 16.200, 75.922

95, 18.501, 90.456

Harmonies

Complementary

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



66, 26.845, 250.663



66, 33.963, 58.451

Rectangle

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



66, 26.845, 250.663



66, 26.845, 300.663



66, 26.845, 70.663



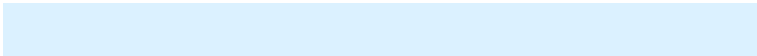
66, 26.845, 120.663

Sweetspot

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



66, 26.844, 250.662



94, 10.130, 244.573



75, 47.017, 153.279



49, 6.970, 244.857



0, 0.000, 0.000



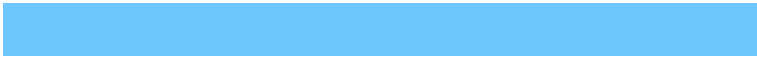
53, 0.007, 296.813

Same Dimension

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



66, 26.844, 250.662



77, 37.568, 253.588



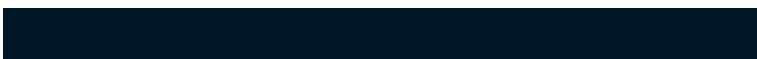
53, 49.502, 292.254



41, 3.449, 244.003



41, 41.720, 270.753



7, 13.226, 259.035

Inverse Universe

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



59, 47.847, 342.460



67, 67.224, 343.743



78, 44.930, 99.854



40, 5.723, 338.916



36, 63.630, 351.928



4, 21.233, 346.609

Previews

White Background



This preview shows how the CIELCh color 66, 26.845, 250.663 looks on a white background.

Color Contrast Check

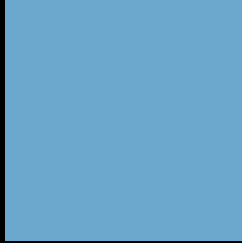
Large Text (above 18pt) WCAG AA × Fail

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, 26.845, 250.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

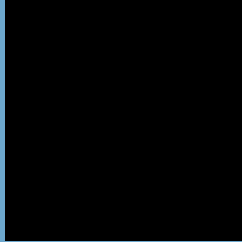
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

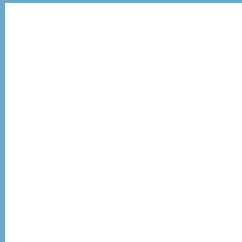
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 26.845, 250.663

Background



This preview shows how black text looks on a background with the CIELCh color 66, 26.845, 250.663.

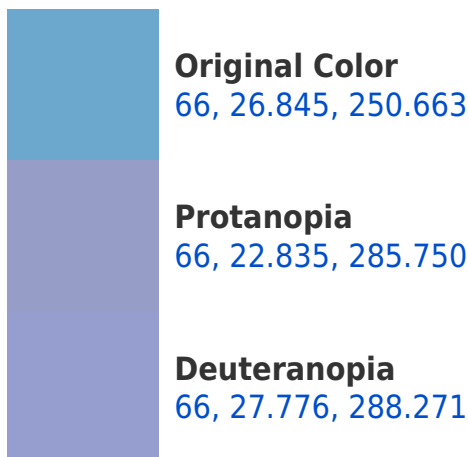



This preview shows how white text looks on a background with the CIELCh color 66, 26.845, 250.663.

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, 22.842, 217.792

Trichromacy



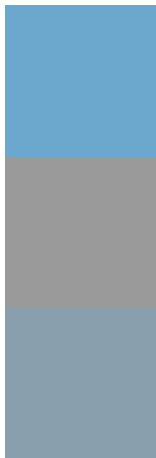
Original Color
66, 26.845, 250.663

Protanomaly
66, 23.431, 271.279

Deuteranomaly
66, 25.980, 274.013

Tritanomaly
66, 23.376, 229.686

Monochromacy



Original Color
66, 26.845, 250.663

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 10.858, 245.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 26.845, 250.663 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(108, 167, 205)` looks like.

```
.text, #text, p{  
    color:rgb(108, 167, 205)  
}
```

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(108, 167, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 167, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 26.845, 250.663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

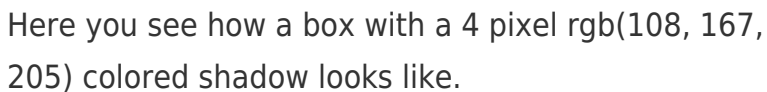
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 167, 205) }
```

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

```
.border{ border-color:rgb(108, 167, 205) }
```

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



Here you see how a box with a 4 pixel rgb(108, 167, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 167, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 167, 205);  
box-shadow:4px 4px 4px 4px rgb(108, 167,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 26.845, 250.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 167, 205) }
```

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

```
.background{ background-color: rgb(108,  
167, 205) }
```

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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