

Converting Colors

CIELCh(66, 26.148, 243.505)

Have a look what the booklet for
CIELCh(66, 26.148, 243.505)
contains.

CIELCh(66, 26.240, 244.631)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 26.240, 244.631)

Conversions

Conversions Part 1

Format	Color
Hex	68A8CA
RGB	104, 168, 202
RGB Percent	41%, 66%, 79%
CMY	0.5912, 0.3403, 0.2069
CMYK	0.48, 0.17, 0.00, 0.21
HSL	201°, 48%, 60%
HSV	201°, 48%, 79%
XYZ	30.4713, 35.3238, 61.2384
YIQ	152.7400, -49.0580, -2.9940

Conversions

Conversions Part 2

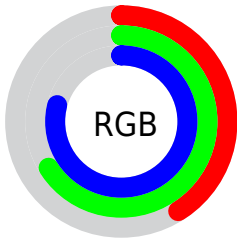
Format	Color
RYB	104, 143, 202
Decimal	6858954
CIELab	66.00, -11.24, -23.71
CIELCh	66, 26.240, 244.631
Yxy	35.3238, 0.2399, 0.2781
Android (android.graphics.Color)	4285049034 (0xFF68A8CA)
YUV	152.7400, 24.2852, -42.7450
Hunter-Lab	59.4338, -12.4936, -19.4865

Details

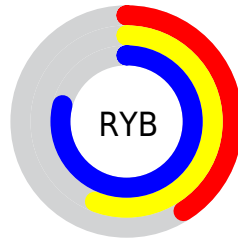
The CIELCh color **66, 26.240, 244.631** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **63, 34.735, 53.789**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 25.038, 240.916**, and **46, 26.279, 244.864** is the 20% darker color. If you saturate the color by 10%, you get **63, 30.587, 247.289**, and if you desaturate by 10%, it is **69, 21.465, 242.475**.

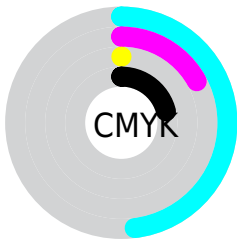
Distribution



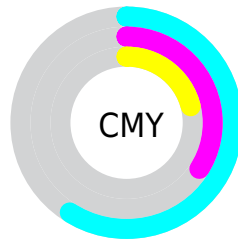
- Red (41%)
- Green (66%)
- Blue (79%)



- Red (41%)
- Yellow (56%)
- Blue (79%)



- Cyan (48%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)





- Cyan (59%)
- Magenta (34%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 26.240, 244.631 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, 26.240, 244.631 by changing the saturation by 10% instead.


 66, 26.240,
244.631


 66, 26.240,
244.631


 100, 26.240,
244.631


 56, 26.240,
244.631


 86, 26.240,
244.631

 46, 26.240,
244.631

 96, 26.240,
244.631

 36, 26.240,
244.631

 26, 26.240,
244.631

 16, 26.240,
244.631

 6, 26.240, 244.631

 0, 26.240, 244.631

66, 26.240,
244.631

66, 26.240,
244.631

63, 30.587,
247.289

69, 21.465,
242.475

60, 34.496,
250.534

72, 16.303,
240.741

58, 38.005,
254.422

75, 10.811,
239.353

55, 41.213,
258.949

79, 5.048, 238.274

53, 44.299,
263.951

82, 0.930, 56.744

85, 7.072, 56.453

53, 44.793,
264.706

89, 13.334, 55.879

91, 16.354, 63.991

93, 17.487, 78.205

Harmonies

Complementary

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



66, 26.240, 244.631



63, 34.735, 53.789

Rectangle

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



66, 26.240, 244.631



66, 26.240, 294.631



66, 26.240, 64.631



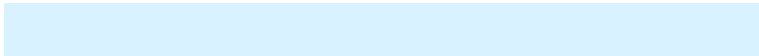
66, 26.240, 114.631

Sweetspot

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



66, 26.239, 244.630



94, 10.675, 238.968



74, 49.514, 151.067



49, 7.252, 239.218



0, 0.000, 0.000



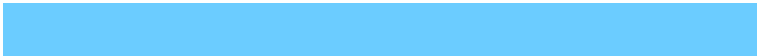
53, 0.007, 296.813

Same Dimension

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



66, 26.239, 244.630



78, 36.586, 247.387



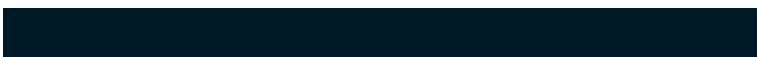
53, 47.260, 290.123



41, 3.405, 238.361



44, 38.285, 263.900



8, 12.580, 252.296

Inverse Universe

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



57, 49.752, 340.289



67, 70.047, 341.435



75, 43.537, 96.779



40, 5.908, 336.885



36, 65.110, 348.274



4, 21.924, 343.695

Previews

White Background



This preview shows how the CIE LCh color 66, 26.240, 244.631 looks on a white background.

Color Contrast Check

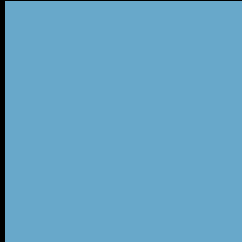
Large Text (above 18pt) WCAG AA × Fail

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, 26.240, 244.631 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, 26.240, 244.631

Background



This preview shows how black text looks on a background with the CIELCh color 66, 26.240, 244.631.



This preview shows how white text looks on a background with the CIELCh color 66, 26.240, 244.631.

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



Original Color


66, 26.240, 244.631

Protanopia

66, 20.612, 285.648

Deuteranopia

66, 26.659, 288.637

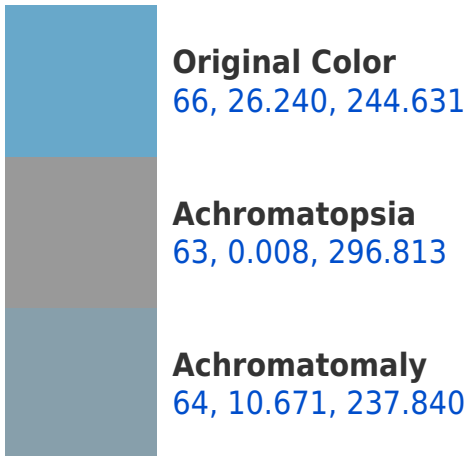


Tritanopia
66, 23.551, 217.115

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 26.240, 244.631 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(104, 168, 202)` looks like.

```
.text, #text, p{  
    color:rgb(104, 168, 202)  
}
```

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(104, 168, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 168, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 26.240, 244.631 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(104, 168, 202) }
```

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

```
.border{ border-color:rgb(104, 168, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 168, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 168, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 168, 202);  
box-shadow:4px 4px 4px 4px rgb(104, 168,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 26.240, 244.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 168, 202) }
```

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

```
.background{ background-color: rgb(104,  
168, 202) }
```

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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