

Converting Colors

CIELCh(66, 19.214, 245.699)

Have a look what the booklet for
CIELCh(66, 19.214, 245.699)
contains.

CIELCh(66, 19.116, 245.393)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 19.116, 245.393)

Conversions

Conversions Part 1

Format	Color
Hex	7CA6BF
RGB	124, 166, 191
RGB Percent	49%, 65%, 75%
CMY	0.5137, 0.3490, 0.2509
CMYK	0.35, 0.13, 0.00, 0.25
HSL	202°, 34%, 62%
HSV	202°, 35%, 75%
XYZ	31.3566, 35.3238, 54.4612
YIQ	156.2920, -33.0570, -1.1290

Conversions

Conversions Part 2

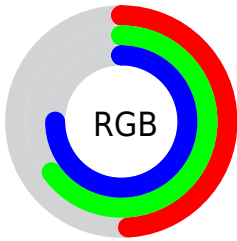
Format	Color
RYB	124, 150, 191
Decimal	8169151
CIELab	66.00, -7.96, -17.38
CIElCh	66, 19.116, 245.393
Yxy	35.3238, 0.2588, 0.2916
Android (android.graphics.Color)	4286359231 (0xFF7CA6BF)
YUV	156.2920, 17.1110, -28.3201
Hunter-Lab	59.4338, -9.8346, -12.7258

Details

The CIELCh color **66, 19.116, 245.393** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **65, 22.817, 57.484**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 19.075, 244.696**, and **46, 19.286, 246.523** is the 20% darker color. If you saturate the color by 10%, you get **63, 23.955, 247.495**, and if you desaturate by 10%, it is **69, 13.965, 243.682**.

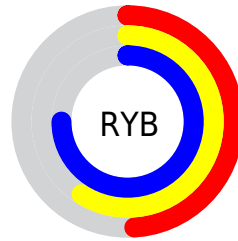
Distribution



Red (49%)

Green (65%)

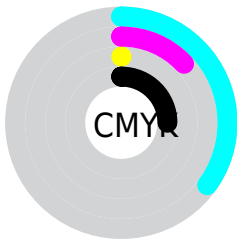
Blue (75%)



Red (49%)

Yellow (59%)

Blue (75%)

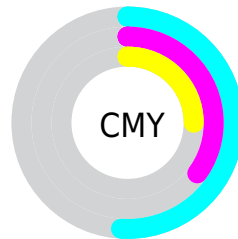


Cyan (35%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (51%)


Magenta (35%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 19.116, 245.393 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, 19.116, 245.393 by changing the saturation by 10% instead.


 66, 19.116,
245.393


 66, 19.116,
245.393


 100, 19.116,
245.393


 56, 19.116,
245.393


 86, 19.116,
245.393

 46, 19.116,
245.393


 96, 19.116,
245.393

 36, 19.116,
245.393

 26, 19.116,
245.393

 16, 19.116,
245.393

 6, 19.116, 245.393

 0, 19.116, 245.393

66, 19.116,
245.393

66, 19.116,
245.393

63, 23.955,
247.495

69, 13.965,
243.682

60, 28.446,
250.073

72, 8.552, 242.304

76, 2.927, 241.264

57, 32.574,
253.204

79, 2.864, 60.020

54, 36.366,
256.943

82, 8.779, 59.354

52, 39.897,
261.297

86, 14.781, 58.735

89, 20.001, 60.077

50, 43.299,
266.181

91, 20.736, 72.308

48, 45.017,
268.592

92, 22.342, 83.180

Harmonies

Complementary

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



66, 19.116, 245.393



65, 22.817, 57.484

Rectangle

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



66, 19.116, 245.393



66, 19.116, 295.393



66, 19.116, 65.393



66, 19.116, 115.393

Sweetspot

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



66, 19.115, 245.390



93, 7.748, 241.850



72, 33.805, 154.053



49, 5.236, 242.004



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 19.115, 245.390



81, 27.710, 246.947



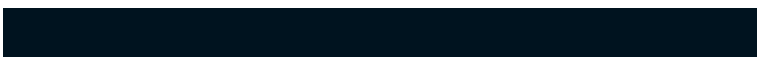
57, 33.181, 289.021



38, 3.213, 241.654



40, 38.738, 267.796



5, 10.212, 255.467

Inverse Universe

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



60, 34.302, 340.231



72, 50.381, 340.977



74, 31.236, 100.295



37, 5.437, 338.044



34, 62.060, 350.258



3, 15.161, 344.079

Previews

White Background



This preview shows how the CIELCh color 66, 19.116, 245.393 looks on a white background.

Color Contrast Check

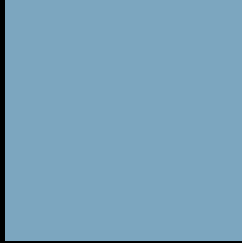
Large Text (above 18pt) WCAG AA × Fail

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, 19.116, 245.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

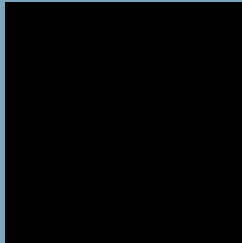
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

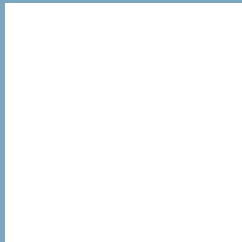
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 19.116, 245.393

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.116, 245.393.

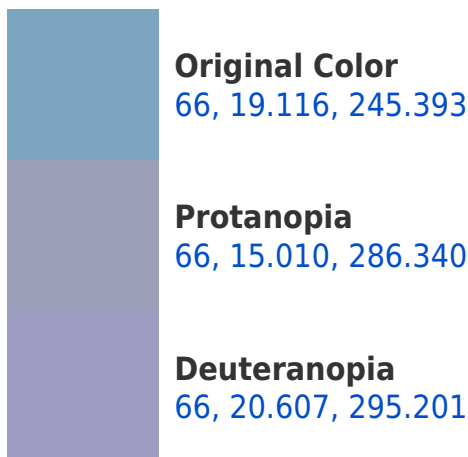



This preview shows how white text looks on a background with the CIELCh color 66, 19.116, 245.393.

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, 16.821, 223.792

Trichromacy



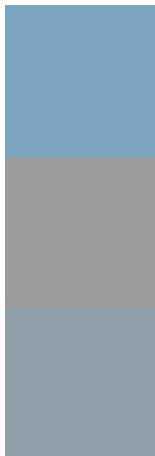
Original Color
66, 19.116, 245.393

Protanomaly
66, 15.501, 268.075

Deuteranomaly
66, 18.238, 276.814

Tritanomaly
66, 17.398, 233.635

Monochromacy



Original Color
66, 19.116, 245.393

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 7.569, 240.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.116, 245.393 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(124, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(124, 166, 191)  
}
```

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(124, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 166, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.116, 245.393 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(124, 166, 191) }
```

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

```
.border{ border-color:rgb(124, 166, 191) }
```

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

Here you see how a box with a 4 pixel rgb(124, 166, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(124, 166,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.116, 245.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 166, 191) }
```

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

```
.background{ background-color: rgb(124,  
166, 191) }
```

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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