

Converting Colors

CIELCh(66, 23.858, 243.597)

Have a look what the booklet for
CIELCh(66, 23.858, 243.597)
contains.

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Color

CIELCh(66, 23.884, 242.821)

Conversions

Conversions Part 1

Format	Color
Hex	6EA8C6
RGB	110, 168, 198
RGB Percent	43%, 66%, 78%
CMY	0.5692, 0.3418, 0.2241
CMYK	0.44, 0.15, 0.00, 0.22
HSL	200°, 43%, 60%
HSV	200°, 44%, 78%
XYZ	30.5603, 35.3238, 58.5384
YIQ	154.0780, -44.1980, -2.9660

Conversions

Conversions Part 2

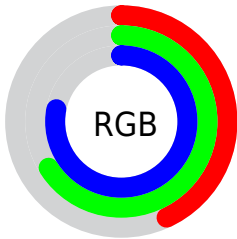
Format	Color
RYB	110, 145, 198
Decimal	7252166
CIELab	66.00, -10.91, -21.25
CIELCh	66, 23.884, 242.821
Yxy	35.3238, 0.2456, 0.2839
Android (android.graphics.Color)	4285442246 (0xFF6EA8C6)
YUV	154.0780, 21.6535, -38.6564
Hunter-Lab	59.4338, -12.2263, -16.7931

Details

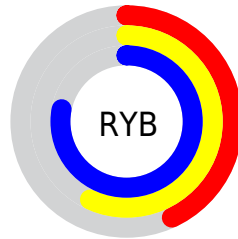
The CIELCh color `66, 23.884, 242.821` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `63, 30.904, 53.390`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 24.049, 243.151`, and `46, 23.799, 242.831` is the 20% darker color. If you saturate the color by 10%, you get `63, 28.284, 245.228`, and if you desaturate by 10%, it is `69, 19.066, 240.877`.

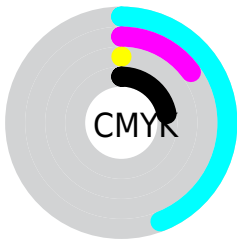
Distribution



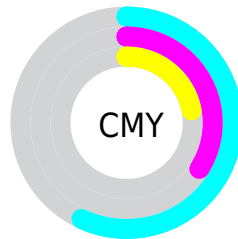
- Red (43%)
- Green (66%)
- Blue (78%)



- Red (43%)
- Yellow (57%)
- Blue (78%)



- Cyan (44%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)



- Cyan (57%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 23.884, 242.821 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, 23.884, 242.821 by changing the saturation by 10% instead.

■ 66, 23.884,
242.821

■ 66, 23.884,
242.821

■ 100, 23.884,
242.821

■ 56, 23.884,
242.821

■ 86, 23.884,
242.821

■ 46, 23.884,
242.821

■ 96, 23.884,
242.821

■ 36, 23.884,
242.821

■ 26, 23.884,
242.821

■ 16, 23.884,
242.821

■ 6, 23.884, 242.821

■ 0, 23.884, 242.821

66, 23.884,
242.821

66, 23.884,
242.821

63, 28.284,
245.228

69, 19.066,
240.877

60, 32.242,
248.189

72, 13.880,
239.321

58, 35.771,
251.775

75, 8.386, 238.085

55, 38.939,
256.015

78, 2.643, 237.196

82, 3.296, 56.052

53, 41.881,
260.857

85, 9.381, 55.483

52, 43.518,
263.605

88, 15.572, 54.962

91, 17.810, 63.751

92, 18.811, 76.430

Harmonies

Complementary

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



66, 23.884, 242.821



63, 30.904, 53.390

Rectangle

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



66, 23.884, 242.821



66, 23.884, 292.821



66, 23.884, 62.821



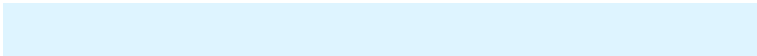
66, 23.884, 112.821

Sweetspot

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



66, 23.883, 242.819



95, 9.276, 237.948



73, 44.882, 151.579



50, 6.463, 238.191



0, 0.000, 0.000



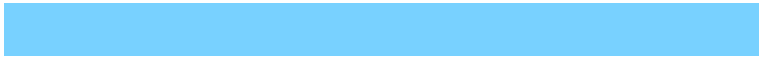
53, 0.007, 296.813

Same Dimension

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



66, 23.883, 242.819



80, 33.894, 245.048



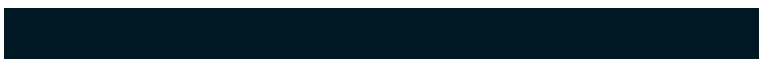
54, 42.303, 289.233



40, 3.331, 237.572



43, 37.399, 262.811



7, 11.746, 251.473

Inverse Universe

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



58, 45.327, 339.579



69, 65.193, 340.539



74, 39.364, 97.256



39, 5.811, 336.613



36, 64.610, 347.758



4, 19.885, 343.102

Previews

White Background



This preview shows how the CIELCh color 66, 23.884, 242.821 looks on a white background.

Color Contrast Check

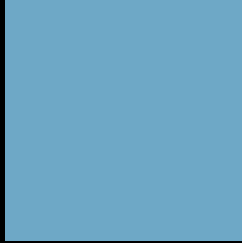
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 23.884, 242.821 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, 23.884, 242.821

Background



This preview shows how black text looks on a background with the CIELCh color 66, 23.884, 242.821.




This preview shows how white text looks on a background with the CIELCh color 66, 23.884, 242.821.

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, 21.628, 219.071

Trichromacy



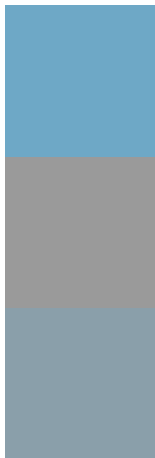
Original Color
66, 23.884, 242.821

Protanomaly
66, 18.839, 265.545

Deuteranomaly
66, 22.124, 272.305

Tritanomaly
66, 22.092, 228.406

Monochromacy



Original Color
66, 23.884, 242.821

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.563, 238.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 23.884, 242.821 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(110, 168, 198)` looks like.

```
.text, #text, p{  
    color:rgb(110, 168, 198)  
}
```

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(110, 168, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 168, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 23.884, 242.821 is called "border". The border property can be set on classes, ids or directly on the HTML element.

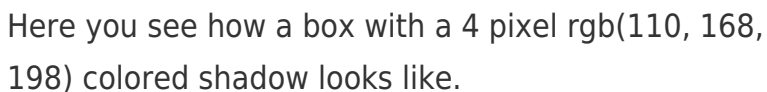
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 168, 198) }
```

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

```
.border{ border-color:rgb(110, 168, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 168, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 168, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 168, 198); box-shadow:4px 4px 4px 4px rgb(110, 168, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 23.884, 242.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 168, 198) }
```

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

```
.background{ background-color: rgb(110,  
168, 198) }
```

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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