

Converting Colors

CIELCh(66, 21.964, 185.442)

Have a look what the booklet for
CIELCh(66, 21.964, 185.442)
contains.

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Color

CIELCh(66, 22.109, 184.435)

Conversions

Conversions Part 1

Format	Color
Hex	6EACA3
RGB	110, 172, 163
RGB Percent	43%, 67%, 64%
CMY	0.5697, 0.3266, 0.3619
CMYK	0.36, 0.00, 0.05, 0.33
HSL	171°, 27%, 55%
HSV	171°, 36%, 67%
XYZ	27.6763, 35.3238, 39.8739
YIQ	152.4360, -34.0630, -15.9430

Conversions

Conversions Part 2

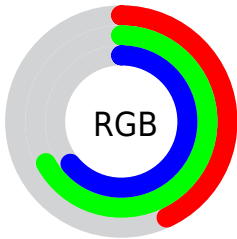
Format	Color
RYB	110, 143, 172
Decimal	7253155
CIELab	66.00, -22.04, -1.71
CIElCh	66, 22.109, 184.435
Yxy	35.3238, 0.2690, 0.3434
Android (android.graphics.Color)	4285443235 (0xFF6EACA3)
YUV	152.4360, 5.2081, -37.2164
Hunter-Lab	59.4338, -20.8880, 1.8263

Details

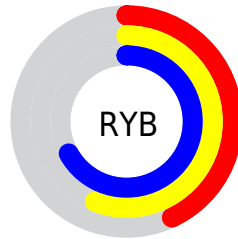
The CIELCh color **66, 22.109, 184.435** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 26.394, 11.620**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 22.255, 184.193**, and **46, 21.933, 184.392** is the 20% darker color. If you saturate the color by 10%, you get **65, 27.252, 183.477**, and if you desaturate by 10%, it is **67, 16.449, 185.344**.

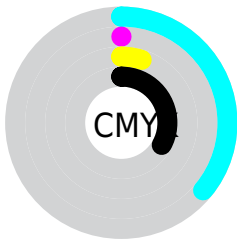
Distribution



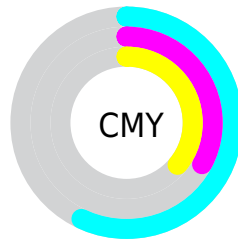
- Red (43%)
- Green (67%)
- Blue (64%)



- Red (43%)
- Yellow (56%)
- Blue (67%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)





- Cyan (57%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 22.109, 184.435 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, 22.109, 184.435 by changing the saturation by 10% instead.


 66, 22.109,
184.435


 66, 22.109,
184.435


 100, 22.109,
184.435


 56, 22.109,
184.435


 86, 22.109,
184.435

 46, 22.109,
184.435

 96, 22.109,
184.435

 36, 22.109,
184.435

 26, 22.109,
184.435

 16, 22.109,
184.435

 6, 22.109, 184.435

 0, 22.109, 184.435

66, 22.109,
184.435

66, 22.109,
184.435

65, 27.252,
183.477

67, 16.449,
185.344

64, 31.774,
182.463

68, 10.377,
186.228

64, 35.593,
181.371

69, 4.000, 187.138

63, 38.656,
180.181

71, 2.589, 7.654

72, 9.308, 8.577

63, 40.959,
178.873

74, 16.089, 9.372

63, 42.567,
177.436

76, 22.878, 10.136

78, 29.635, 10.877

63, 43.116,
176.873

79, 32.781, 9.981

Harmonies

Complementary

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



66, 22.109, 184.435



53, 26.394, 11.620

Rectangle

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



66, 22.109, 184.435



66, 22.109, 234.435



66, 22.109, 4.435



66, 22.109, 54.435

Sweetspot

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



66, 22.110, 184.432



87, 8.891, 186.661



65, 39.775, 138.207



46, 5.953, 186.546



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 22.110, 184.432



83, 31.880, 183.704



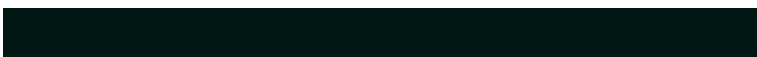
60, 17.797, 242.369



36, 3.722, 186.832



56, 39.048, 177.049



6, 8.162, 183.053

Inverse Universe

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



53, 26.394, 11.620



64, 39.693, 12.958



58, 21.624, 54.910



34, 3.882, 8.267



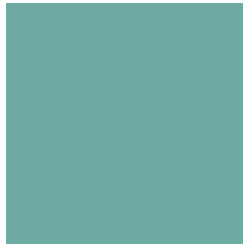
31, 64.432, 32.381



2, 7.934, 9.658

Previews

White Background



This preview shows how the CIELCh color 66, 22.109, 184.435 looks on a white background.

Color Contrast Check

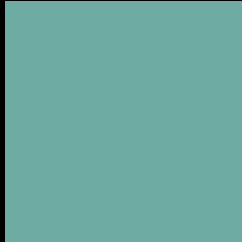
Large Text (above 18pt) WCAG AA × Fail

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, 22.109, 184.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

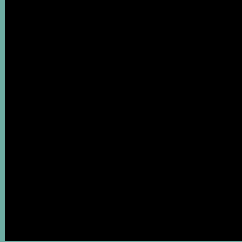
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

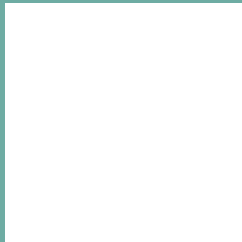
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 22.109, 184.435

Background



This preview shows how black text looks on a background with the CIELCh color 66, 22.109, 184.435.

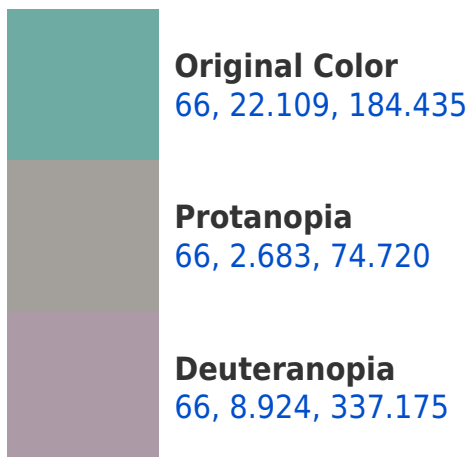


This preview shows how white text looks on a background with the CIELCh color 66, 22.109, 184.435.

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, 18.954, 220.579

Trichromacy



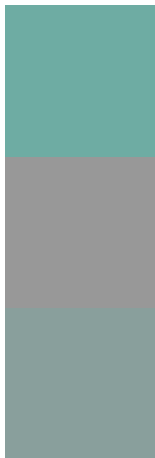
Original Color
66, 22.109, 184.435

Protanomaly
66, 8.242, 174.897

Deuteranomaly
65, 4.923, 226.008

Tritanomaly
66, 19.224, 206.222

Monochromacy



Original Color
66, 22.109, 184.435

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 8.383, 187.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 22.109, 184.435 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, 172, 163)` looks like.

```
.text, #text, p{  
    color:rgb(110, 172, 163)  
}
```

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, 172, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 172, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 22.109, 184.435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

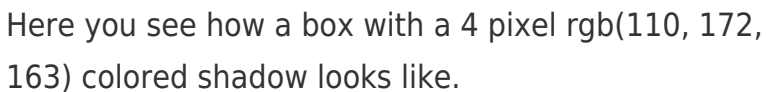
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 172, 163) }
```

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

```
.border{ border-color:rgb(110, 172, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 172, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 172, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 172, 163); box-shadow:4px 4px 4px 4px rgb(110, 172, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 22.109, 184.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 172, 163) }
```

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

```
.background{ background-color: rgb(110,  
172, 163) }
```

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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