

Converting Colors

CIELCh(66, 22.161, 186.342)

Have a look what the booklet for
CIELCh(66, 22.161, 186.342)
contains.

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Color

CIELCh(66, 22.204, 185.953)

Conversions

Conversions Part 1

Format	Color
Hex	6DACA4
RGB	109, 172, 164
RGB Percent	43%, 67%, 64%
CMY	0.5734, 0.3264, 0.3578
CMYK	0.37, 0.00, 0.05, 0.33
HSL	172°, 27%, 55%
HSV	172°, 37%, 67%
XYZ	27.6659, 35.3238, 40.3718
YIQ	152.2510, -34.9800, -15.8440

Conversions

Conversions Part 2

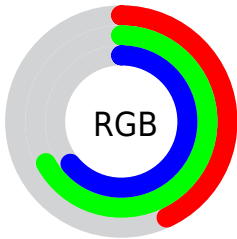
Format	Color
RYB	109, 143, 172
Decimal	7187620
CIELab	66.00, -22.08, -2.30
CIELCh	66, 22.204, 185.953
Yxy	35.3238, 0.2677, 0.3418
Android (android.graphics.Color)	4285377700 (0xFF6DACA4)
YUV	152.2510, 5.7923, -37.9311
Hunter-Lab	59.4338, -20.9192, 1.3296

Details

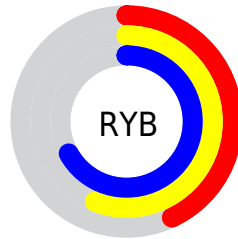
The CIELCh color **66, 22.204, 185.953** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 26.836, 13.100**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 22.375, 185.641**, and **46, 21.961, 185.998** is the 20% darker color. If you saturate the color by 10%, you get **65, 27.225, 185.046**, and if you desaturate by 10%, it is **67, 16.647, 186.820**.

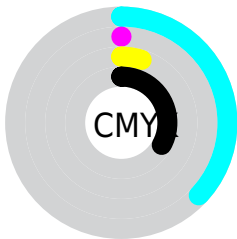
Distribution



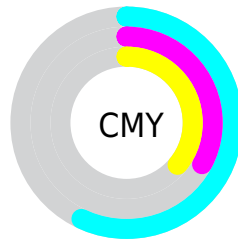
- Red (43%)
- Green (67%)
- Blue (64%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 22.204, 185.953 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, 22.204, 185.953 by changing the saturation by 10% instead.


 66, 22.204,
185.953


 66, 22.204,
185.953


 100, 22.204,
185.953


 56, 22.204,
185.953


 86, 22.204,
185.953

 46, 22.204,
185.953

 96, 22.204,
185.953

 36, 22.204,
185.953

 26, 22.204,
185.953

 16, 22.204,
185.953

 6, 22.204, 185.953

 0, 22.204, 185.953

66, 22.204,
185.953

66, 22.204,
185.953

65, 27.225,
185.046

67, 16.647,
186.820

64, 31.609,
184.093

68, 10.658,
187.670

64, 35.276,
183.074

69, 4.345, 188.547

64, 38.180,
181.971

71, 2.199, 9.016

72, 8.889, 9.955

63, 40.319,
180.765

74, 15.657, 10.739

63, 41.774,
179.446

76, 22.447, 11.494

78, 29.216, 12.230

63, 42.201,
179.006

79, 32.694, 11.622

Harmonies

Complementary

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



66, 22.204, 185.953



53, 26.836, 13.100

Rectangle

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



66, 22.204, 185.953



66, 22.204, 235.953



66, 22.204, 5.953



66, 22.204, 55.953

Sweetspot

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



66, 22.205, 185.950



87, 8.833, 188.138



65, 40.613, 138.597



46, 5.913, 188.026



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, 22.205, 185.950



83, 32.141, 185.219



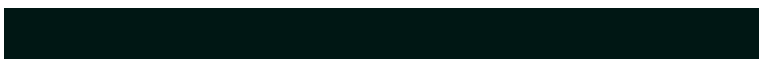
60, 18.208, 244.766



36, 3.698, 188.304



56, 38.220, 179.167



6, 8.087, 184.891

Inverse Universe

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



53, 26.836, 13.100



64, 40.719, 14.536



58, 21.986, 56.678



34, 3.865, 9.696



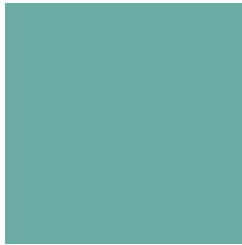
31, 65.198, 33.529



2, 7.905, 10.856

Previews

White Background



This preview shows how the CIELCh color 66, 22.204, 185.953 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, 22.204, 185.953 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, 22.204, 185.953

Background



This preview shows how black text looks on a background with the CIELCh color 66, 22.204, 185.953.

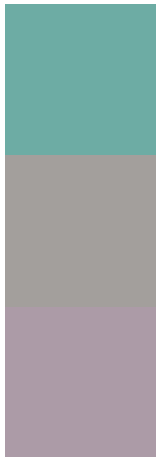


This preview shows how white text looks on a background with the CIELCh color 66, 22.204, 185.953.

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, 22.204, 185.953

Protanopia
66, 2.251, 66.693

Deuteranopia
66, 9.306, 334.679



Tritanopia
66, 19.614, 221.529

Trichromacy



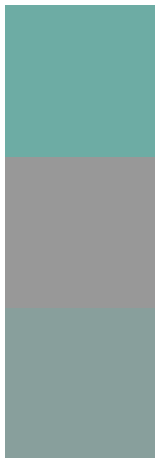
Original Color
66, 22.204, 185.953

Protanomaly
66, 8.350, 179.288

Deuteranomaly
65, 5.175, 231.649

Tritanomaly
66, 19.796, 207.587

Monochromacy



Original Color
66, 22.204, 185.953

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 8.734, 187.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 22.204, 185.953 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(109, 172, 164)` looks like.

```
.text, #text, p{  
    color:rgb(109, 172, 164)  
}
```

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(109, 172, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 172, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 22.204, 185.953 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(109, 172, 164) }
```

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

```
.border{ border-color:rgb(109, 172, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 172, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 172, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 172, 164);  
box-shadow:4px 4px 4px 4px rgb(109, 172,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 22.204, 185.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 172, 164) }
```

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

```
.background{ background-color: rgb(109,  
172, 164) }
```

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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