

Converting Colors

CIELCh(66, 19.623, 184.477)

Have a look what the booklet for
CIELCh(66, 19.623, 184.477)
contains.

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Color

CIELCh(66, 20.067, 183.247)

Conversions

Conversions Part 1

Format	Color
Hex	74ABA2
RGB	116, 171, 162
RGB Percent	45%, 67%, 64%
CMY	0.5461, 0.3304, 0.3657
CMYK	0.32, 0.00, 0.05, 0.33
HSL	170°, 25%, 56%
HSV	170°, 32%, 67%
XYZ	28.1824, 35.3238, 39.3967
YIQ	153.5290, -29.8910, -14.4590

Conversions

Conversions Part 2

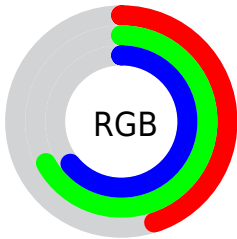
Format	Color
RYB	116, 146, 171
Decimal	7646114
CIELab	66.00, -20.03, -1.14
CIElCh	66, 20.067, 183.247
Yxy	35.3238, 0.2739, 0.3433
Android (android.graphics.Color)	4285836194 (0xFF74ABA2)
YUV	153.5290, 4.1762, -32.9129
Hunter-Lab	59.4338, -19.3679, 2.3023

Details

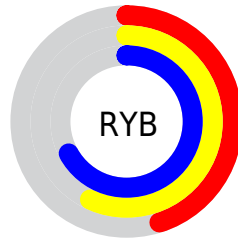
The CIELCh color **66, 20.067, 183.247** is a light color, and the websafe version is hex **669999**. A complement of this color would be **55, 23.272, 9.606**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 20.185, 182.906**, and **46, 20.315, 181.829** is the 20% darker color. If you saturate the color by 10%, you get **65, 25.491, 182.264**, and if you desaturate by 10%, it is **67, 14.183, 184.178**.

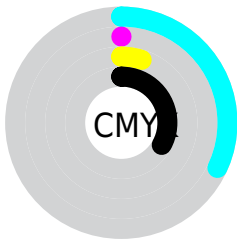
Distribution



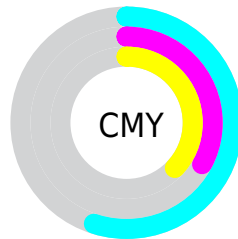
- Red (45%)
- Green (67%)
- Blue (64%)



- Red (45%)
- Yellow (57%)
- Blue (67%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)



- Cyan (55%)
- Magenta (33%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 20.067, 183.247 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, 20.067, 183.247 by changing the saturation by 10% instead.

 66, 20.067,
183.247


 66, 20.067,
183.247

 100, 20.067,
183.247


 56, 20.067,
183.247


 86, 20.067,
183.247

 46, 20.067,
183.247

 96, 20.067,
183.247

 36, 20.067,
183.247

 26, 20.067,
183.247

 16, 20.067,
183.247

 6, 20.067, 183.247

 0, 20.067, 183.247

66, 20.067,
183.247

66, 20.067,
183.247

65, 25.491,
182.264

67, 14.183,
184.178

64, 30.348,
181.220

68, 7.945, 185.087

70, 1.455, 186.196

64, 34.544,
180.095

71, 5.200, 6.611

63, 38.012,
178.867

73, 11.943, 7.459

63, 40.724,
177.515

74, 18.714, 8.249

76, 25.466, 9.010

63, 42.709,
176.021

78, 32.164, 9.748

63, 43.916,
174.799

78, 33.327, 7.735

Harmonies

Complementary

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



66, 20.067, 183.247



55, 23.272, 9.606

Rectangle

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



66, 20.067, 183.247



66, 20.067, 233.247



66, 20.067, 3.247



66, 20.067, 53.247

Sweetspot

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



66, 20.068, 183.244



87, 8.079, 185.273



65, 35.190, 138.033



46, 5.545, 185.147



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, 20.068, 183.244



83, 29.393, 182.516



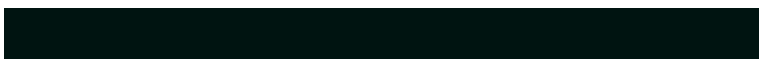
61, 15.868, 239.403



35, 3.657, 185.357



55, 39.424, 175.008



5, 6.918, 181.965

Inverse Universe

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



55, 23.272, 9.606



66, 35.417, 10.807



59, 18.972, 53.342



33, 3.806, 6.822



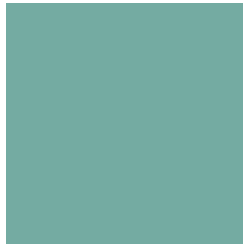
30, 62.815, 31.051



1, 6.726, 7.861

Previews

White Background



This preview shows how the CIELCh color 66, 20.067, 183.247 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, 20.067, 183.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

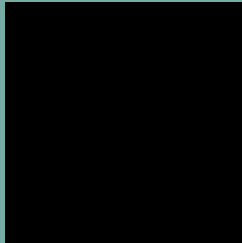
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 20.067, 183.247

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.067, 183.247.

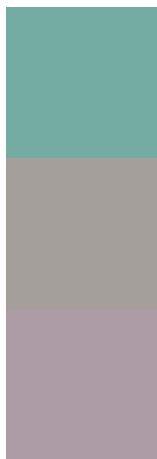


This preview shows how white text looks on a background with the CIELCh color 66, 20.067, 183.247.

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, 20.067, 183.247

Protanopia
66, 2.922, 68.447

Deuteranopia
66, 8.856, 341.550



Tritanopia
66, 17.361, 222.908

Trichromacy



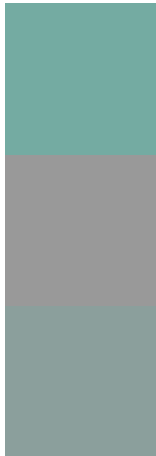
Original Color
66, 20.067, 183.247

Protanomaly
66, 7.258, 171.515

Deuteranomaly
66, 3.716, 225.901

Tritanomaly
66, 17.486, 207.196

Monochromacy



Original Color
66, 20.067, 183.247

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 7.678, 186.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.067, 183.247 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(116, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(116, 171, 162)  
}
```

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(116, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 171, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.067, 183.247 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(116, 171, 162) }
```

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

```
.border{ border-color:rgb(116, 171, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(116, 171,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.067, 183.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 171, 162) }
```

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

```
.background{ background-color: rgb(116,  
171, 162) }
```

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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