

Converting Colors

CIELCh(66, 19.584, 197.865)

Have a look what the booklet for
CIELCh(66, 19.584, 197.865)
contains.

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Color

CIELCh(66, 19.410, 197.796)

Conversions

Conversions Part 1

Format	Color
Hex	71AAAA
RGB	113, 170, 170
RGB Percent	44%, 67%, 67%
CMY	0.5556, 0.3320, 0.3320
CMYK	0.33, 0.00, 0.00, 0.33
HSL	180°, 25%, 56%
HSV	180°, 33%, 67%
XYZ	28.5782, 35.3238, 43.5092
YIQ	152.9570, -33.9720, -12.0840

Conversions

Conversions Part 2

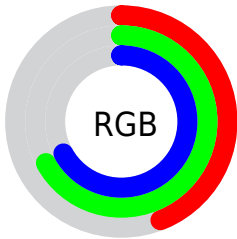
Format	Color
RYB	113, 142, 170
Decimal	7449258
CIELab	66.00, -18.48, -5.93
CIELCh	66, 19.410, 197.796
Yxy	35.3238, 0.2661, 0.3289
Android (android.graphics.Color)	4285639338 (0xFF71AAAA)
YUV	152.9570, 8.4022, -35.0423
Hunter-Lab	59.4338, -18.1792, -1.8002

Details

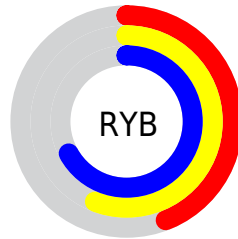
The CIELCh color **66, 19.410, 197.796** is a light color, and the websafe version is hex **669999**. A complement of this color would be **54, 24.377, 22.282**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 19.271, 198.113**, and **46, 19.523, 197.299** is the 20% darker color. If you saturate the color by 10%, you get **65, 24.111, 197.406**, and if you desaturate by 10%, it is **67, 14.126, 198.238**.

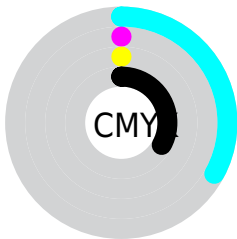
Distribution



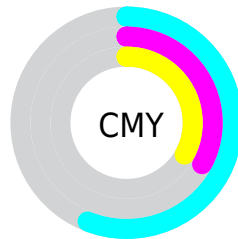
- Red (44%)
- Green (67%)
- Blue (67%)



- Red (44%)
- Yellow (56%)
- Blue (67%)



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





- Cyan (56%)
- Magenta (33%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 19.410, 197.796 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, 19.410, 197.796 by changing the saturation by 10% instead.

 66, 19.410,
197.796


 66, 19.410,
197.796

 100, 19.410,
197.796

 56, 19.410,
197.796


 86, 19.410,
197.796

 46, 19.410,
197.796

 96, 19.410,
197.796

 36, 19.410,
197.796

 26, 19.410,
197.796

 16, 19.410,
197.796

 6, 19.410, 197.796

 0, 19.410, 197.796

■ 66, 19.410,
197.796

■ 66, 19.410,
197.796

■ 65, 24.111,
197.406

■ 67, 14.126,
198.238

■ 65, 28.139,
197.080

■ 68, 8.357, 198.746

■ 69, 2.205, 199.433

■ 64, 31.422,
196.819

■ 71, 4.239, 19.652

■ 64, 33.923,
196.622

■ 72, 10.891, 20.305

■ 63, 35.643,
196.487

■ 74, 17.680, 20.922

■ 75, 24.548, 21.541

■ 63, 36.635,
196.410

■ 77, 31.449, 22.163

■ 63, 37.042,
196.378

■ 78, 33.636, 22.359

Harmonies

Complementary

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



66, 19.410, 197.796



54, 24.377, 22.282

Rectangle

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



66, 19.410, 197.796



66, 19.410, 247.796



66, 19.410, 17.796



66, 19.410, 67.796

Sweetspot

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



66, 19.410, 197.793



87, 7.761, 198.932



65, 38.253, 141.696



46, 5.319, 198.853



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, 19.410, 197.793



83, 27.868, 197.506



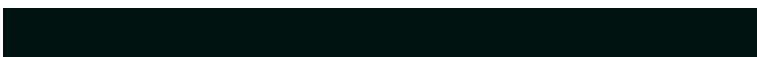
58, 18.190, 258.856



35, 3.516, 198.986



55, 33.389, 196.378



5, 6.572, 199.415

Inverse Universe

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



54, 24.377, 22.282



65, 37.032, 23.323



61, 20.142, 69.581



33, 3.724, 19.902



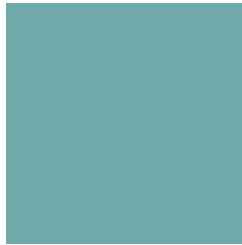
30, 69.025, 39.357



1, 6.572, 19.401

Previews

White Background



This preview shows how the CIELCh color 66, 19.410, 197.796 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, 19.410, 197.796 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, 19.410, 197.796

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.410, 197.796.

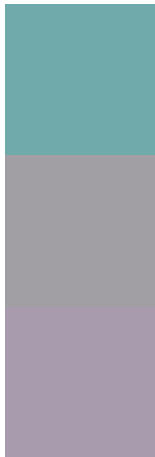


This preview shows how white text looks on a background with the CIELCh color 66, 19.410, 197.796.

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, 19.410, 197.796

Protanopia

66, 2.360, 309.130

Deuteranopia

66, 11.822, 317.330



Tritanopia
66, 18.690, 220.933

Trichromacy



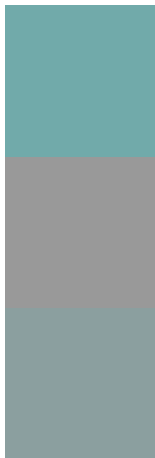
Original Color
66, 19.410, 197.796

Protanomaly
66, 7.115, 212.452

Deuteranomaly
66, 7.860, 257.305

Tritanomaly
66, 18.532, 213.736

Monochromacy



Original Color
66, 19.410, 197.796

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 7.398, 198.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.410, 197.796 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(113, 170, 170)` looks like.

```
.text, #text, p{  
    color:rgb(113, 170, 170)  
}
```

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(113, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 170, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.410, 197.796 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(113, 170, 170) }
```

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

```
.border{ border-color:rgb(113, 170, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(113, 170,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.410, 197.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 170, 170) }
```

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

```
.background{ background-color: rgb(113,  
170, 170) }
```

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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