

Converting Colors

CIELCh(70, 24.988, 195.477)

Have a look what the booklet for
CIELCh(70, 24.988, 195.477)
contains.

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Color

CIELCh(70, 25.086, 194.908)

Conversions

Conversions Part 1

Format	Color
Hex	6BB8B6
RGB	107, 184, 182
RGB Percent	42%, 72%, 71%
CMY	0.5806, 0.2787, 0.2865
CMYK	0.42, 0.00, 0.01, 0.28
HSL	178°, 35%, 57%
HSV	178°, 42%, 72%
XYZ	31.6186, 40.7494, 50.4186
YIQ	160.7490, -45.2500, -16.9460

Conversions

Conversions Part 2

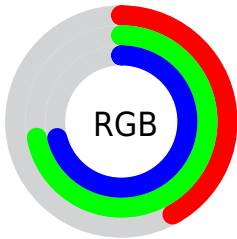
Format	Color
R _Y B	107, 146, 184
Decimal	7059638
CIE Lab	70.00, -24.24, -6.45
CIE LCh	70, 25.086, 194.908
Yxy	40.7494, 0.2575, 0.3319
Android (android.graphics.Color)	4285249718 (0xFF6BB8B6)
YUV	160.7490, 10.4767, -47.1379
Hunter-Lab	63.8353, -23.2979, -2.1440

Details

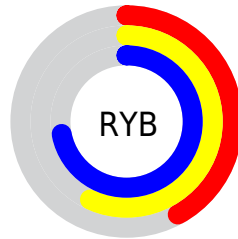
The CIELCh color **70, 25.086, 194.908** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 33.213, 21.635**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 25.093, 195.395**, and **50, 25.266, 194.190** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.567, 194.422**, and if you desaturate by 10%, it is **71, 19.911, 195.426**.

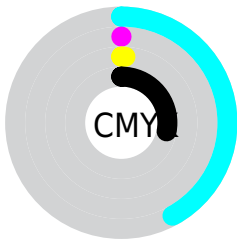
Distribution



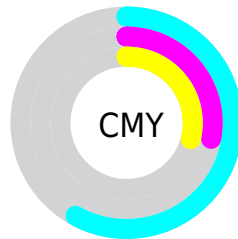
- Red (42%)
- Green (72%)
- Blue (71%)



- Red (42%)
- Yellow (57%)
- Blue (72%)



- Cyan (42%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)





- Cyan (58%)
- Magenta (28%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 25.086, 194.908 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 70, 25.086, 194.908 by changing the saturation by 10% instead.


 70, 25.086,
194.908


 70, 25.086,
194.908


 100, 25.086,
194.908

 60, 25.086,
194.908


 90, 25.086,
194.908

 50, 25.086,
194.908

 40, 25.086,
194.908

 30, 25.086,
194.908

 20, 25.086,
194.908

 10, 25.086,
194.908

 0, 25.086, 194.908

70, 25.086,
194.908

70, 25.086,
194.908

69, 29.567,
194.422

71, 19.911,
195.426

69, 33.270,
193.974

72, 14.143,
195.984

68, 36.143,
193.555

73, 7.892, 196.590

68, 38.177,
193.161

74, 1.265, 197.534

76, 5.638, 17.658

68, 39.417,
192.780

78, 12.733, 18.347

68, 40.007,
192.475

79, 19.946, 19.008

81, 27.219, 19.667

81, 27.562, 19.207

Harmonies

Complementary

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



70, 25.086, 194.908



54, 33.213, 21.635

Rectangle

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



70, 25.086, 194.908



70, 25.086, 244.908



70, 25.086, 14.908



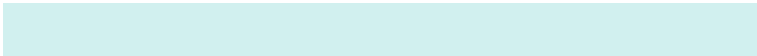
70, 25.086, 64.908

Sweetspot

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



70, 25.086, 194.906



93, 10.689, 196.503



68, 50.340, 140.535



49, 7.432, 196.367



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 25.086, 194.906



88, 35.544, 194.470



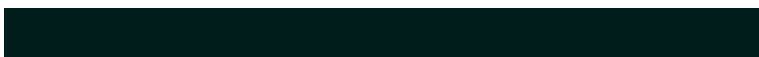
60, 23.594, 258.823



38, 3.787, 196.757



58, 35.338, 192.524



8, 10.591, 194.781

Inverse Universe

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



54, 33.213, 21.635



64, 50.431, 23.352



62, 27.270, 66.818



36, 4.003, 17.809



32, 70.883, 38.553



2, 10.646, 17.822

Previews

White Background



This preview shows how the CIELCh color 70, 25.086, 194.908 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 70, 25.086, 194.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

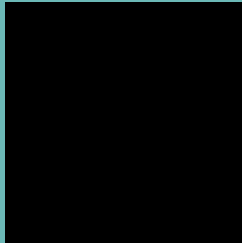
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

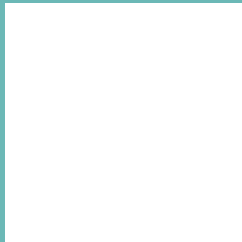
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 25.086, 194.908

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.086, 194.908.

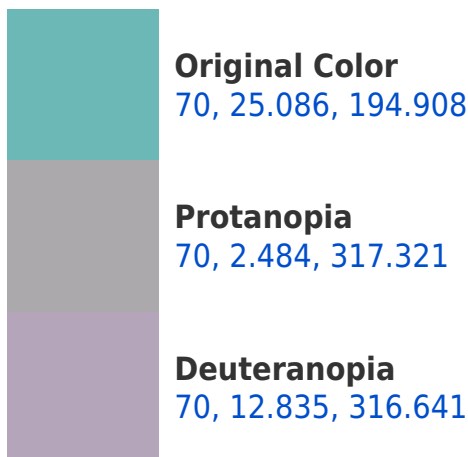


This preview shows how white text looks on a background with the CIELCh color 70, 25.086, 194.908.

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
70, 23.342, 217.132

Trichromacy



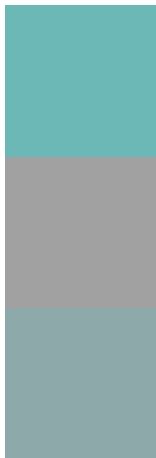
Original Color
70, 25.086, 194.908

Protanomaly
69, 9.384, 205.433

Deuteranomaly
69, 9.667, 246.781

Tritanomaly
70, 23.529, 208.478

Monochromacy



Original Color
70, 25.086, 194.908

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 10.127, 198.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.086, 194.908 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(107, 184, 182)` looks like.

```
.text, #text, p{  
    color:rgb(107, 184, 182)  
}
```

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(107, 184, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 184, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.086, 194.908 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(107, 184, 182) }
```

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

```
.border{ border-color:rgb(107, 184, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 184, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 184, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 184, 182);  
box-shadow:4px 4px 4px 4px rgb(107, 184,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.086, 194.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 184, 182) }
```

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

```
.background{ background-color: rgb(107,  
184, 182) }
```

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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