

Converting Colors

CIELCh(70, 26.023, 197.167)

Have a look what the booklet for
CIELCh(70, 26.023, 197.167)
contains.

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Color

CIELCh(70, 25.900, 197.383)

Conversions

Conversions Part 1

Format	Color
Hex	67B8B8
RGB	103, 184, 184
RGB Percent	40%, 72%, 72%
CMY	0.5951, 0.2775, 0.2775
CMYK	0.44, 0.00, 0.00, 0.28
HSL	180°, 36%, 56%
HSV	180°, 44%, 72%
XYZ	31.4886, 40.7494, 51.6842
YIQ	159.7810, -48.2760, -17.1720

Conversions

Conversions Part 2

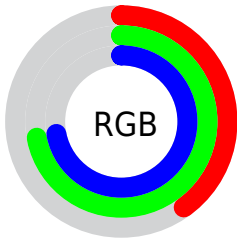
Format	Color
R _Y B	103, 144, 184
Decimal	6797496
CIE Lab	70.00, -24.72, -7.74
CIE LCh	70, 25.900, 197.383
Yxy	40.7494, 0.2541, 0.3288
Android (android.graphics.Color)	4284987576 (0xFF67B8B8)
YUV	159.7810, 11.9400, -49.7969
Hunter-Lab	63.8353, -23.6614, -3.3195

Details

The CIELCh color **70, 25.900, 197.383** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **53, 35.390, 23.901**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 25.755, 197.755**, and **50, 26.101, 196.809** is the 20% darker color. If you saturate the color by 10%, you get **69, 30.134, 197.058**, and if you desaturate by 10%, it is **71, 20.937, 197.765**.

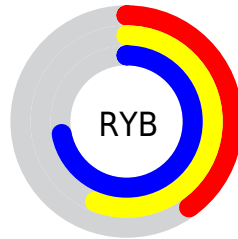
Distribution



Red (40%)

Green (72%)

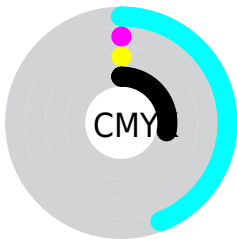
Blue (72%)



Red (40%)

Yellow (56%)

Blue (72%)

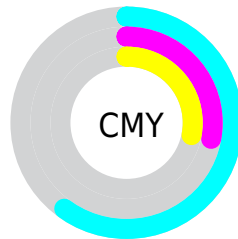


Cyan (44%)

Magenta (0%)

Yellow (0%)

Black (28%)



Cyan (60%)


Magenta (28%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 25.900, 197.383 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, 25.900, 197.383 by changing the saturation by 10% instead.


 70, 25.900,
197.383


 70, 25.900,
197.383


 100, 25.900,
197.383


 60, 25.900,
197.383


 90, 25.900,
197.383

 50, 25.900,
197.383

 40, 25.900,
197.383

 30, 25.900,
197.383

 20, 25.900,
197.383

 10, 25.900,
197.383

 0, 25.900, 197.383

70, 25.900,
197.383

70, 25.900,
197.383

69, 30.134,
197.058

71, 20.937,
197.765

69, 33.566,
196.801

72, 15.342,
198.210

68, 36.156,
196.608

73, 9.221, 198.716

68, 37.913,
196.479

74, 2.682, 199.378

76, 4.174, 19.618

68, 38.897,
196.406

77, 11.257, 20.281

68, 39.260,
196.380

79, 18.490, 20.902

81, 25.810, 21.525

81, 27.548, 21.672

Harmonies

Complementary

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



70, 25.900, 197.383



53, 35.390, 23.901

Rectangle

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



70, 25.900, 197.383



70, 25.900, 247.383



70, 25.900, 17.383



70, 25.900, 67.383

Sweetspot

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



70, 25.900, 197.381



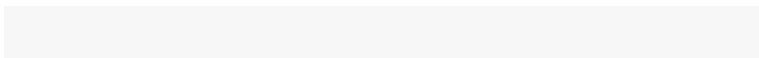
93, 10.655, 198.757



68, 53.073, 140.692



49, 7.405, 198.638



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, 25.900, 197.381



88, 36.669, 197.061



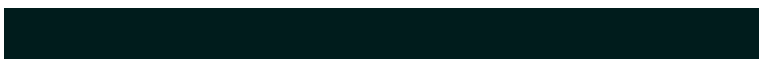
59, 25.202, 261.297



38, 3.777, 198.981



58, 34.645, 196.380



8, 10.518, 197.733

Inverse Universe

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



53, 35.390, 23.901



63, 54.353, 25.870



62, 28.963, 68.284



36, 4.004, 19.912



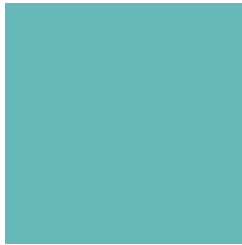
32, 71.869, 39.597



2, 10.638, 19.402

Previews

White Background



This preview shows how the CIELCh color 70, 25.900, 197.383 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, 25.900, 197.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

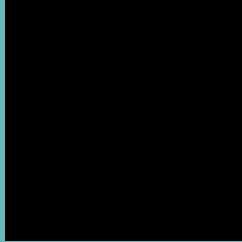
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

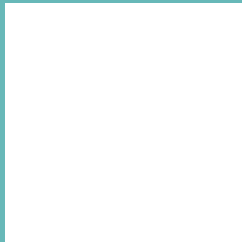
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 25.900, 197.383

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.900, 197.383.

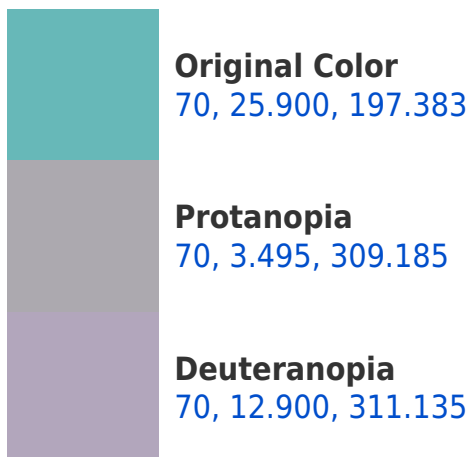


This preview shows how white text looks on a background with the CIELCh color 70, 25.900, 197.383.

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, 24.383, 217.602

Trichromacy



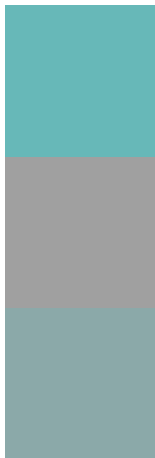
Original Color
70, 25.900, 197.383

Protanomaly
70, 10.090, 208.068

Deuteranomaly
70, 10.728, 244.864

Tritanomaly
70, 24.539, 209.286

Monochromacy



Original Color
70, 25.900, 197.383

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 10.812, 198.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.900, 197.383 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(103, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(103, 184, 184)  
}
```

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(103, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 184, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.900, 197.383 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(103, 184, 184) }
```

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

```
.border{ border-color:rgb(103, 184, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 184, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 184, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 184, 184);  
box-shadow:4px 4px 4px 4px rgb(103, 184,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.900, 197.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 184, 184) }
```

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

```
.background{ background-color: rgb(103,  
184, 184) }
```

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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