

Converting Colors

CIELCh(72, 20.749, 195.400)

Have a look what the booklet for
CIELCh(72, 20.749, 195.400)
contains.

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Color

CIELCh(72, 20.544, 196.281)

Conversions

Conversions Part 1

Format	Color
Hex	7EBBBA
RGB	126, 187, 186
RGB Percent	49%, 73%, 73%
CMY	0.5049, 0.2657, 0.2696
CMYK	0.33, 0.00, 0.01, 0.27
HSL	179°, 31%, 61%
HSV	179°, 33%, 73%
XYZ	35.3551, 43.6590, 53.1589
YIQ	168.6470, -36.0350, -13.2430

Conversions

Conversions Part 2

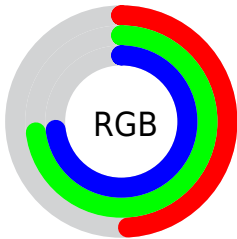
Format	Color
RYB	126, 157, 187
Decimal	8305594
CIELab	72.00, -19.72, -5.76
CIElCh	72, 20.544, 196.281
Yxy	43.6590, 0.2675, 0.3303
Android (android.graphics.Color)	4286495674 (0xFF7EBBBA)
YUV	168.6470, 8.5550, -37.4014
Hunter-Lab	66.0750, -20.1203, -1.4478

Details

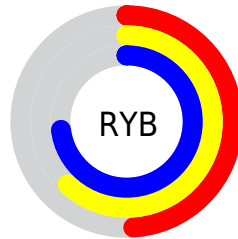
The CIELCh color **72, 20.544, 196.281** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 25.496, 20.959**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 20.377, 196.647**, and **52, 20.749, 195.733** is the 20% darker color. If you saturate the color by 10%, you get **71, 25.714, 195.804**, and if you desaturate by 10%, it is **73, 14.758, 196.797**.

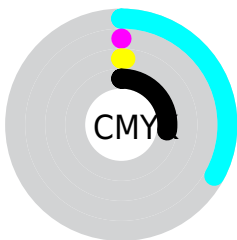
Distribution



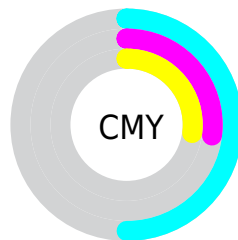
- Red (49%)
- Green (73%)
- Blue (73%)



- Red (49%)
- Yellow (62%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)





- Cyan (50%)
- Magenta (27%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 20.544, 196.281 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 72, 20.544, 196.281 by changing the saturation by 10% instead.


 72, 20.544,
196.281


 72, 20.544,
196.281


 100, 20.544,
196.281


 62, 20.544,
196.281


 92, 20.544,
196.281

 52, 20.544,
196.281

 42, 20.544,
196.281

 32, 20.544,
196.281

 22, 20.544,
196.281

 12, 20.544,
196.281

 2, 20.544, 196.281

0, 20.544, 196.281

72, 20.544,
196.281

72, 20.544,
196.281

71, 25.714,
195.804

73, 14.758,
196.797

70, 30.166,
195.377

74, 8.465, 197.368

70, 33.818,
194.995

76, 1.775, 198.178

77, 5.210, 18.384

69, 36.622,
194.656

79, 12.403, 19.062

69, 38.575,
194.354

80, 19.726, 19.710

82, 26.195, 20.233

69, 39.730,
194.081

82, 26.181, 19.882

■ 69, 40.229,
193.890

■ 82, 26.169, 19.532

Harmonies

Complementary

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



72, 20.544, 196.281



59, 25.496, 20.959

Rectangle

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



72, 20.544, 196.281



72, 20.544, 246.281



72, 20.544, 16.281



72, 20.544, 66.281

Sweetspot

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



72, 20.544, 196.278



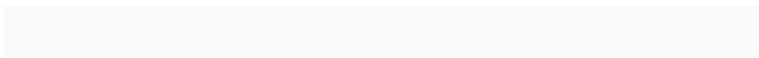
94, 8.347, 197.519



71, 40.235, 141.754



50, 5.721, 197.430



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 20.544, 196.278



90, 29.430, 195.939



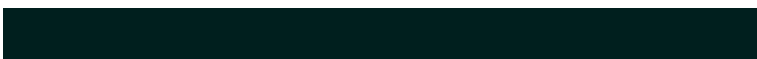
64, 19.138, 258.720



39, 3.869, 197.572



59, 35.489, 193.922



9, 11.739, 194.889

Inverse Universe

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



59, 25.496, 20.959



71, 38.522, 21.984



66, 21.144, 69.660



37, 4.095, 18.585



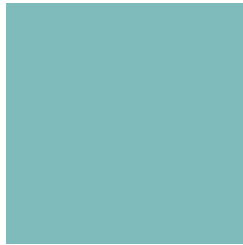
32, 72.163, 39.004



3, 12.256, 18.456

Previews

White Background



This preview shows how the CIELCh color 72, 20.544, 196.281 looks on a white background.

Color Contrast Check

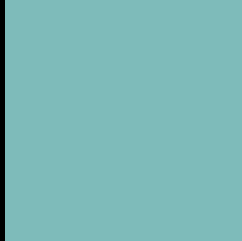
Large Text (above 18pt) WCAG AA × Fail

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 72, 20.544, 196.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

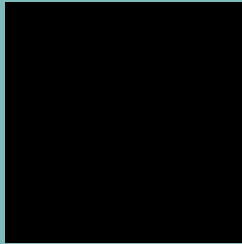
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

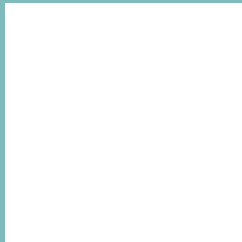
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 20.544, 196.281

Background



This preview shows how black text looks on a background with the CIELCh color 72, 20.544, 196.281.

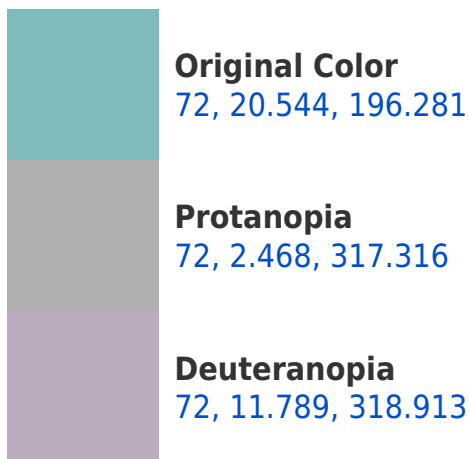


This preview shows how white text looks on a background with the CIELCh color 72, 20.544, 196.281.

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](#).

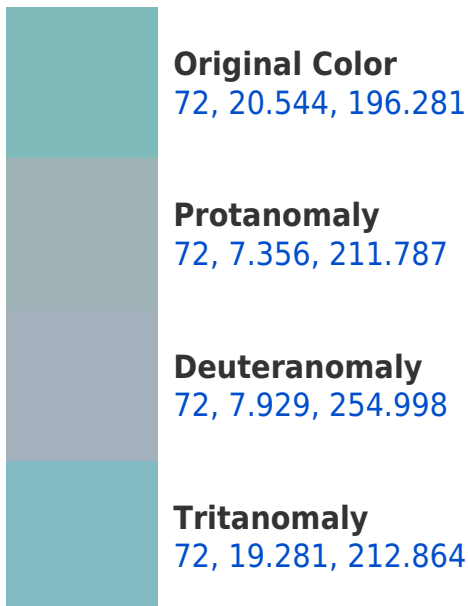
Dichromacy



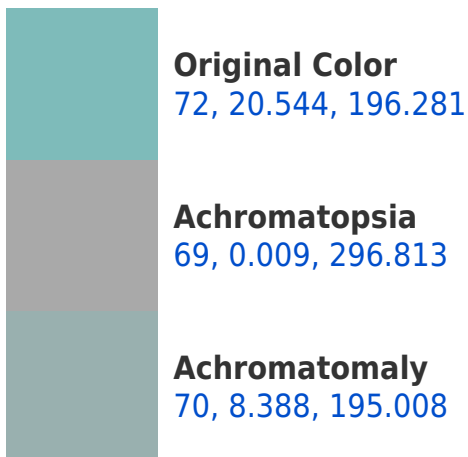


Tritanopia
72, 19.431, 223.211

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 20.544, 196.281 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(126, 187, 186)` looks like.

```
.text, #text, p{  
    color:rgb(126, 187, 186)  
}
```

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(126, 187, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 187, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 20.544, 196.281 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(126, 187, 186) }
```

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

```
.border{ border-color:rgb(126, 187, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 187, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 187, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 187, 186);  
box-shadow:4px 4px 4px 4px rgb(126, 187,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 20.544, 196.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 187, 186) }
```

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

```
.background{ background-color: rgb(126,  
187, 186) }
```

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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