

Converting Colors

CIELCh(72, 32.343, 193.043)

Have a look what the booklet for
CIELCh(72, 32.343, 193.043)
contains.

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Color

CIELCh(72, 32.361, 193.057)

Conversions

Conversions Part 1

Format	Color
Hex	56C1BD
RGB	86, 193, 189
RGB Percent	34%, 76%, 74%
CMY	0.6638, 0.2441, 0.2598
CMYK	0.56, 0.00, 0.02, 0.24
HSL	178°, 46%, 55%
HSV	178°, 56%, 76%
XYZ	31.9864, 43.6590, 54.7456
YIQ	160.5510, -62.4880, -23.9280

Conversions

Conversions Part 2

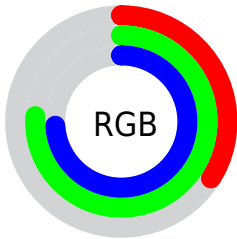
Format	Color
RYB	86, 141, 193
Decimal	5685693
CIELab	72.00, -31.52, -7.31
CIELCh	72, 32.361, 193.057
Yxy	43.6590, 0.2453, 0.3348
Android (android.graphics.Color)	4283875773 (0xFF56C1BD)
YUV	160.5510, 14.0254, -65.3812
Hunter-Lab	66.0750, -29.2208, -2.8715

Details

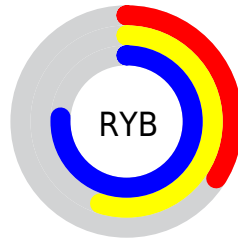
The CIELCh color **72, 32.361, 193.057** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **50, 47.259, 23.646**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 32.421, 192.758**, and **52, 32.328, 193.199** is the 20% darker color. If you saturate the color by 10%, you get **71, 35.932, 192.539**, and if you desaturate by 10%, it is **73, 27.958, 193.592**.

Distribution



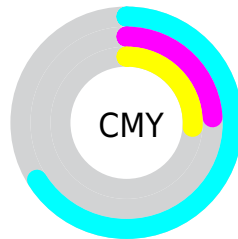
- Red (34%)
- Green (76%)
- Blue (74%)



- Red (34%)
- Yellow (55%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)





- Cyan (66%)
- Magenta (24%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 32.361, 193.057 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, 32.361, 193.057 by changing the saturation by 10% instead.


 72, 32.361,
193.057


 72, 32.361,
193.057


 100, 32.361,
193.057


 62, 32.361,
193.057


 92, 32.361,
193.057

 52, 32.361,
193.057

 42, 32.361,
193.057

 32, 32.361,
193.057

 22, 32.361,
193.057

 12, 32.361,
193.057

 2, 32.361, 193.057

0, 32.361, 193.057

72, 32.361,
193.057

72, 32.361,
193.057

71, 35.932,
192.539

73, 27.958,
193.592

71, 38.631,
192.036

74, 22.801,
194.154

71, 40.466,
191.536

75, 16.993,
194.744

71, 41.511,
191.027

76, 10.647,
195.368

71, 41.843,
190.798

77, 3.878, 196.082

79, 3.207, 16.422

80, 10.513, 17.193

■ 82, 17.961, 17.878

■ 84, 23.833, 18.210

Harmonies

Complementary

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



72, 32.361, 193.057



50, 47.259, 23.646

Rectangle

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



72, 32.361, 193.057



72, 32.361, 243.057



72, 32.361, 13.057



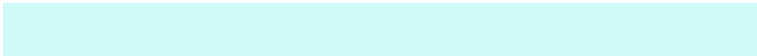
72, 32.361, 63.057

Sweetspot

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



72, 32.361, 193.055



95, 14.329, 195.256



70, 67.529, 138.837



50, 9.528, 195.128



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 32.361, 193.055



90, 44.610, 192.411



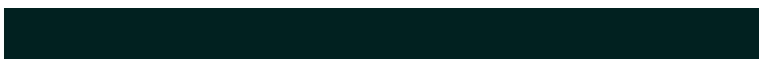
58, 31.271, 260.540



40, 3.965, 195.783



60, 36.543, 190.870



11, 12.707, 192.161

Inverse Universe

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



50, 47.259, 23.646



59, 71.735, 27.209



61, 38.843, 63.552



38, 4.188, 16.894



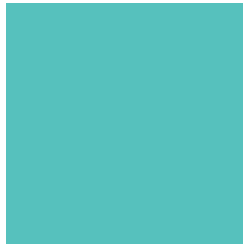
33, 72.261, 38.203



3, 14.015, 17.363

Previews

White Background



This preview shows how the CIELCh color 72, 32.361, 193.057 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, 32.361, 193.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

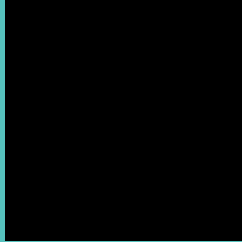
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

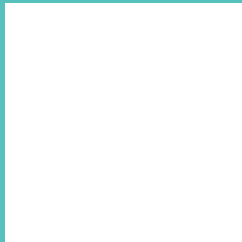
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 32.361, 193.057

Background



This preview shows how black text looks on a background with the CIELCh color 72, 32.361, 193.057.

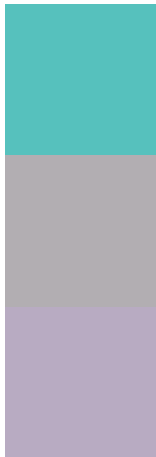


This preview shows how white text looks on a background with the CIELCh color 72, 32.361, 193.057.

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

72, 32.361, 193.057

Protanopia

72, 2.664, 324.475

Deuteranopia

72, 13.468, 311.810



Tritanopia
72, 29.458, 214.779

Trichromacy



Original Color
72, 32.361, 193.057



Protanomaly
71, 13.016, 200.812



Deuteranomaly
71, 12.647, 233.016

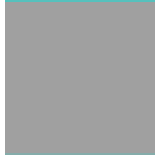


Tritanomaly
72, 29.975, 206.743

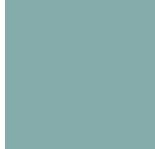
Monochromacy



Original Color
72, 32.361, 193.057



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 13.942, 193.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 32.361, 193.057 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(86, 193, 189)` looks like.

```
.text, #text, p{  
    color:rgb(86, 193, 189)  
}
```

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(86, 193, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 193, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 32.361, 193.057 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(86, 193, 189) }
```

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

```
.border{ border-color:rgb(86, 193, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 193, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 193, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 193, 189);  
box-shadow:4px 4px 4px 4px rgb(86, 193,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 32.361, 193.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 193, 189) }
```

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

```
.background{ background-color: rgb(86, 193,  
189) }
```

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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