

Converting Colors

CIELCh(56, 21.911, 175.949)

Have a look what the booklet for
CIELCh(56, 21.911, 175.949)
contains.

CIELCh(56, 21.902, 175.773)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(56, 21.902, 175.773)

Conversions

Conversions Part 1

Format	Color
Hex	599183
RGB	89, 145, 131
RGB Percent	35%, 57%, 51%
CMY	0.6520, 0.4324, 0.4873
CMYK	0.39, 0.00, 0.10, 0.43
HSL	165°, 24%, 46%
HSV	165°, 39%, 57%
XYZ	18.2590, 23.9124, 25.0339
YIQ	126.6600, -28.8820, -16.2260

Conversions

Conversions Part 2

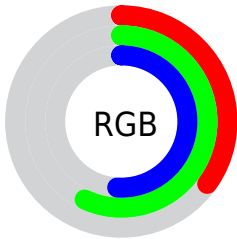
Format	Color
R_{YB}	89, 121, 145
Decimal	5869955
CIE _{Lab}	56.00, -21.84, 1.61
CIE _{LCh}	56, 21.902, 175.773
Yxy	23.9124, 0.2717, 0.3558
Android (android.graphics.Color)	4284060035 (0xFF599183)
YUV	126.6600, 2.1396, -33.0278
Hunter-Lab	48.9003, -18.9251, 3.8774

Details

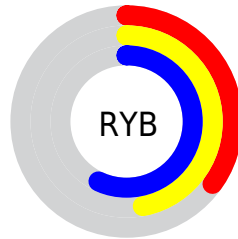
The CIELCh color **56, 21.902, 175.773** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **44, 25.074, 4.060**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 21.942, 176.081**, and **36, 21.715, 176.437** is the 20% darker color. If you saturate the color by 10%, you get **55, 26.799, 174.605**, and if you desaturate by 10%, it is **57, 16.603, 176.847**.

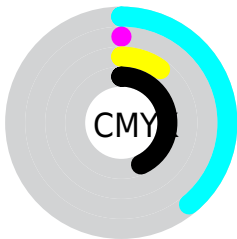
Distribution



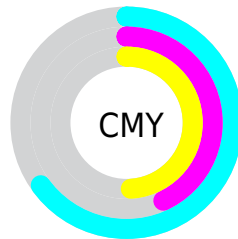
- Red (35%)
- Green (57%)
- Blue (51%)



- Red (35%)
- Yellow (47%)
- Blue (57%)



- Cyan (39%)
- Magenta (0%)
- Yellow (10%)
- Black (43%)





- Cyan (65%)
- Magenta (43%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 21.902, 175.773 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 56, 21.902, 175.773 by changing the saturation by 10% instead.


 56, 21.902,
175.773


 56, 21.902,
175.773


 100, 21.902,
175.773


 46, 21.902,
175.773


 76, 21.902,
175.773

 36, 21.902,
175.773

 86, 21.902,
175.773

 26, 21.902,
175.773

 96, 21.902,
175.773

 16, 21.902,
175.773

 6, 21.902, 175.773

 0, 21.902, 175.773

■ 56, 21.902,
175.773

■ 56, 21.902,
175.773

■ 55, 26.799,
174.605

■ 57, 16.603,
176.847

■ 55, 31.200,
173.328

■ 58, 10.995,
177.854

■ 54, 35.031,
171.918

■ 59, 5.170, 178.827

■ 54, 38.243,
170.352

■ 60, 0.791, 359.141

■ 62, 6.818, 0.414

■ 53, 40.829,
168.612

■ 63, 12.856, 1.242

■ 53, 42.927,
166.751

■ 65, 18.860, 2.020

■ 66, 24.798, 2.763

■ 53, 43.199,
166.515

■ 68, 30.647, 3.477

Harmonies

Complementary

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



56, 21.902, 175.773



44, 25.074, 4.060

Rectangle

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



56, 21.902, 175.773



56, 21.902, 225.773



56, 21.902, 355.773



56, 21.902, 45.773

Sweetspot

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



56, 21.903, 175.771



75, 8.835, 178.479



56, 35.898, 135.343



39, 5.834, 178.371



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



56, 21.903, 175.771



71, 31.603, 174.813



52, 16.193, 228.529



30, 3.322, 178.780



50, 41.018, 166.654



2, 2.266, 179.533

Inverse Universe

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



44, 25.074, 4.060



54, 37.305, 5.521



47, 20.912, 44.287



28, 3.424, 0.300



28, 55.595, 23.865



0, 2.267, 359.519

Previews

White Background



This preview shows how the CIELCh color 56, 21.902, 175.773 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 21.902, 175.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

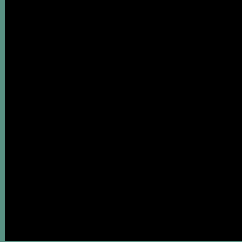
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 21.902, 175.773

Background



This preview shows how black text looks on a background with the CIELCh color 56, 21.902, 175.773.

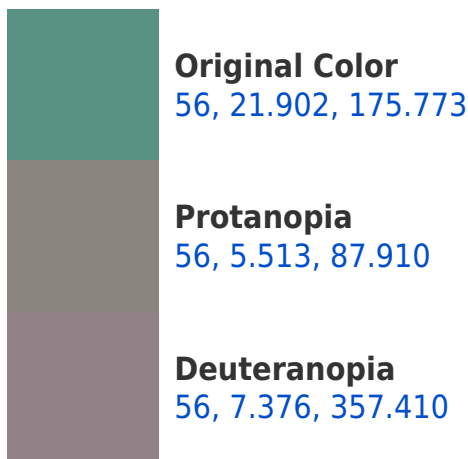


This preview shows how white text looks on a background with the CIELCh color 56, 21.902, 175.773.

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
56, 17.203, 219.649

Trichromacy



Original Color
56, 21.902, 175.773

Protanomaly
55, 9.250, 155.640

Deuteranomaly
55, 4.069, 182.711

Tritanomaly
56, 17.679, 201.506

Monochromacy



Original Color
56, 21.902, 175.773

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 8.646, 179.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 21.902, 175.773 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(89, 145, 131)` looks like.

```
.text, #text, p{  
    color:rgb(89, 145, 131)  
}
```

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(89, 145, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 145, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 21.902, 175.773 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(89, 145, 131) }
```

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

```
.border{ border-color:rgb(89, 145, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 145, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 145, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 145, 131);  
box-shadow:4px 4px 4px 4px rgb(89, 145,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 21.902, 175.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 145, 131) }
```

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

```
.background{ background-color: rgb(89, 145,  
131) }
```

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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