

Converting Colors

CIELCh(56, 20.513, 169.086)

Have a look what the booklet for
CIELCh(56, 20.513, 169.086)
contains.

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Color

CIELCh(56, 20.513, 169.086)

Conversions

Conversions Part 1

Format	Color
Hex	60907F
RGB	96, 144, 127
RGB Percent	38%, 56%, 50%
CMY	0.6240, 0.4358, 0.5025
CMYK	0.33, 0.00, 0.12, 0.44
HSL	159°, 20%, 47%
HSV	159°, 33%, 56%
XYZ	18.5838, 23.9124, 23.6684
YIQ	127.7100, -23.1510, -15.4630

Conversions

Conversions Part 2

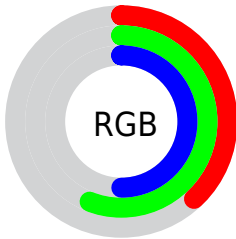
Format	Color
R _Y B	96, 125, 144
Decimal	6328447
CIE Lab	56.00, -20.14, 3.88
CIE LCh	56, 20.513, 169.086
Yxy	23.9124, 0.2809, 0.3614
Android (android.graphics.Color)	4284518527 (0xFF60907F)
YUV	127.7100, -0.3500, -27.8097
Hunter-Lab	48.9003, -17.7396, 5.5330

Details

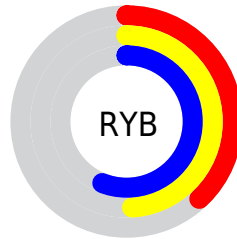
The CIELCh color $56, 20.513, 169.086$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $46, 22.175, 355.865$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 20.439, 169.522$, and $36, 20.214, 169.288$ is the 20% darker color. If you saturate the color by 10%, you get $55, 26.180, 167.901$, and if you desaturate by 10%, it is $57, 14.552, 170.163$.

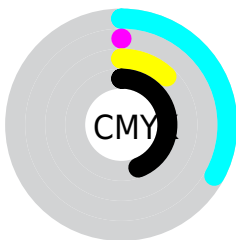
Distribution



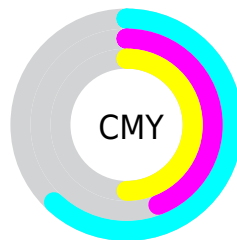
- Red (38%)
- Green (56%)
- Blue (50%)



- Red (38%)
- Yellow (49%)
- Blue (56%)



- Cyan (33%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)





- Cyan (62%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 20.513, 169.086 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, 20.513, 169.086 by changing the saturation by 10% instead.


 56, 20.513,
169.086


 56, 20.513,
169.086


 100, 20.513,
169.086


 46, 20.513,
169.086


 76, 20.513,
169.086


 36, 20.513,
169.086


 86, 20.513,
169.086

 26, 20.513,
169.086

 96, 20.513,
169.086

 16, 20.513,
169.086

 6, 20.513, 169.086

 0, 20.513, 169.086

■ 56, 20.513,
169.086

■ 56, 20.513,
169.086

■ 55, 26.180,
167.901

■ 57, 14.552,
170.163

■ 54, 31.450,
166.591

■ 58, 8.391, 171.163

■ 59, 2.117, 172.197

■ 54, 36.230,
165.131

■ 61, 4.197, 352.786

■ 53, 40.446,
163.497

■ 62, 10.491,
353.630

■ 53, 44.056,
161.672

■ 64, 16.721,
354.389

■ 53, 47.068,
159.651

■ 65, 22.853,
355.103

■ 53, 48.902,
158.309

■ 67, 28.864,
355.779

■ 69, 34.739,
356.424

Harmonies

Complementary

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



56, 20.513, 169.086



46, 22.175, 355.865

Rectangle

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



56, 20.513, 169.086



56, 20.513, 219.086



56, 20.513, 349.086



56, 20.513, 39.086

Sweetspot

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



56, 20.514, 169.084



74, 7.761, 171.470



56, 29.814, 132.083



39, 5.334, 171.347



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, 20.514, 169.084



70, 29.955, 168.213



55, 14.941, 212.443



30, 3.531, 171.570



50, 46.618, 158.450



2, 2.399, 172.328

Inverse Universe

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



46, 22.175, 355.865



56, 32.954, 356.941



47, 18.863, 32.950



28, 3.608, 353.087



28, 53.265, 14.523



0, 2.399, 352.315

Previews

White Background



This preview shows how the CIELCh color 56, 20.513, 169.086 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, 20.513, 169.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

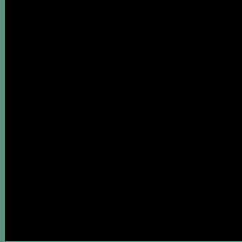
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

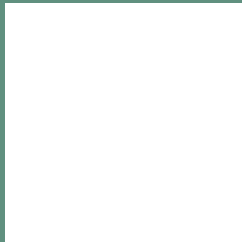
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 20.513, 169.086

Background



This preview shows how black text looks on a background with the CIELCh color 56, 20.513, 169.086.

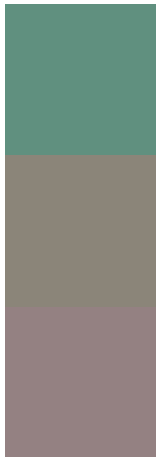


This preview shows how white text looks on a background with the CIELCh color 56, 20.513, 169.086.

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
56, 20.513, 169.086

Protanopia
56, 7.267, 89.538

Deuteranopia
56, 7.708, 15.952



Tritanopia
56, 14.926, 225.894

Trichromacy



Original Color
56, 20.513, 169.086

Protanomaly
56, 9.804, 143.878

Deuteranomaly
55, 3.496, 144.295

Tritanomaly
56, 14.950, 202.435

Monochromacy



Original Color
56, 20.513, 169.086

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 7.852, 172.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 20.513, 169.086 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(96, 144, 127)` looks like.

```
.text, #text, p{  
    color:rgb(96, 144, 127)  
}
```

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(96, 144, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 144, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 20.513, 169.086 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(96, 144, 127) }
```

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

```
.border{ border-color:rgb(96, 144, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 144, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 144, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 144, 127);  
box-shadow:4px 4px 4px 4px rgb(96, 144,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 20.513, 169.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 144, 127) }
```

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

```
.background{ background-color: rgb(96, 144,  
127) }
```

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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