

Converting Colors

CIELCh(56, 28.797, 142.164)

Have a look what the booklet for
CIELCh(56, 28.797, 142.164)
contains.

CIELCh(56, 28.578, 142.548)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 28.578, 142.548)

Conversions

Conversions Part 1

Format	Color
Hex	679067
RGB	103, 144, 103
RGB Percent	40%, 56%, 40%
CMY	0.5951, 0.4342, 0.5951
CMYK	0.28, 0.00, 0.28, 0.43
HSL	120°, 17%, 49%
HSV	120°, 28%, 57%
XYZ	18.0991, 23.9124, 16.5612
YIQ	127.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

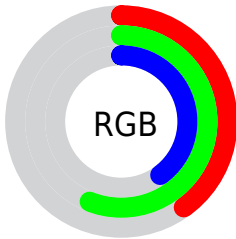
Format	Color
R_{YB}	103, 144, 144
Decimal	6787175
CIE _{Lab}	56.00, -22.69, 17.38
CIE _{LCh}	56, 28.578, 142.548
Yxy	23.9124, 0.3090, 0.4083
Android (android.graphics.Color)	4284977255 (0xFF679067)
YUV	127.0670, -11.8650, -21.1068
Hunter-Lab	48.9003, -19.5088, 14.1503

Details

The CIELCh color $56, 28.578, 142.548$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 28.582, 325.935$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 28.713, 142.441$, and $36, 28.218, 142.874$ is the 20% darker color. If you saturate the color by 10%, you get $55, 38.442, 141.665$, and if you desaturate by 10%, it is $57, 18.517, 143.318$.

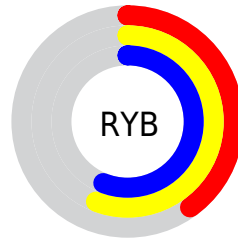
Distribution



Red (40%)

Green (56%)

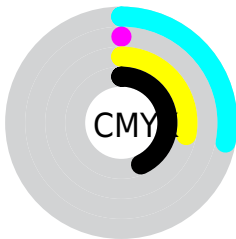
Blue (40%)



Red (40%)

Yellow (56%)

Blue (56%)

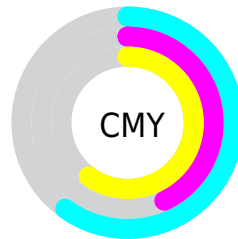


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (43%)



Cyan (60%)

Magenta (43%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 28.578, 142.548 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, 28.578, 142.548 by changing the saturation by 10% instead.

 56, 28.578,
142.548

 56, 28.578,
142.548

 100, 28.578,
142.548

 46, 28.578,
142.548

 76, 28.578,
142.548

 36, 28.578,
142.548

 86, 28.578,
142.548

 26, 28.578,
142.548

 96, 28.578,
142.548

 16, 28.578,
142.548

 6, 28.578, 142.548

 0, 28.578, 142.548

■ 56, 28.578,
142.548

■ 56, 28.578,
142.548

■ 55, 38.442,
141.665

■ 57, 18.517,
143.318

■ 54, 47.881,
140.670

■ 59, 8.426, 143.986

■ 53, 56.620,
139.590

■ 60, 1.565, 324.391

■ 53, 64.324,
138.485

■ 62, 11.368,
324.976

■ 52, 70.612,
137.458

■ 64, 20.923,
325.387

■ 52, 75.118,
136.645

■ 65, 30.196,
325.731

■ 52, 77.943,
136.100

■ 67, 39.168,
326.024

■ 52, 78.366,

■ 70, 47.835,
326.274

136.015

 72, 56.202,
326.488

Harmonies

Complementary

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



56, 28.578, 142.548



49, 28.582, 325.935

Rectangle

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



56, 28.578, 142.548



56, 28.578, 192.548



56, 28.578, 322.548



56, 28.578, 12.548

Sweetspot

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



56, 28.579, 142.548



75, 11.205, 143.938



59, 22.567, 106.800



39, 7.768, 143.854



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, 28.579, 142.548



71, 42.444, 142.006



56, 19.977, 160.264



29, 5.599, 143.939



49, 74.731, 136.015



2, 3.767, 144.440

Inverse Universe

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



49, 28.582, 325.935



61, 42.413, 326.256



48, 20.614, 345.247



28, 5.608, 324.905



32, 72.104, 328.229



1, 3.767, 324.436

Previews

White Background



This preview shows how the CIELCh color 56, 28.578, 142.548 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 CIE LCh color 56, 28.578, 142.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

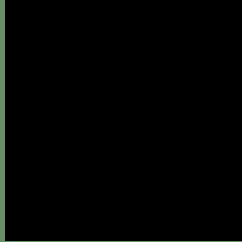
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 28.578, 142.548

Background



This preview shows how black text looks on a background with the CIELCh color 56, 28.578, 142.548.



This preview shows how white text looks on a background with the CIELCh color 56, 28.578, 142.548.

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, 28.578, 142.548

Protanopia
56, 20.882, 95.652

Deuteranopia
56, 17.191, 63.956



Tritanopia
56, 11.103, 233.429

Trichromacy



Original Color
56, 28.578, 142.548

Protanomaly
56, 21.801, 117.694

Deuteranomaly
55, 15.967, 103.655

Tritanomaly
56, 12.677, 176.921

Monochromacy



Original Color
56, 28.578, 142.548

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 10.567, 143.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 28.578, 142.548 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, 144, 103)` looks like.

```
.text, #text, p{  
    color:rgb(103, 144, 103)  
}
```

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, 144, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 144, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 28.578, 142.548 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, 144, 103) }
```

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

```
.border{ border-color:rgb(103, 144, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 144, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 144, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 144, 103);  
box-shadow:4px 4px 4px 4px rgb(103, 144,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 28.578, 142.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 144, 103) }
```

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

```
.background{ background-color: rgb(103,  
144, 103) }
```

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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