

Converting Colors

CIELCh(56, 61.756, 104.717)

Have a look what the booklet for
CIELCh(56, 61.756, 104.717)
contains.

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Color

CIELCh(56, 61.742, 104.627)

Conversions

Conversions Part 1

Format	Color
Hex	888C02
RGB	136, 140, 2
RGB Percent	53%, 55%, 1%
CMY	0.4676, 0.4518, 0.9938
CMYK	0.03, 0.00, 0.99, 0.45
HSL	62°, 98%, 28%
HSV	62°, 99%, 55%
XYZ	19.4717, 23.9124, 3.6347
YIQ	123.0720, 41.9140, -43.7660

Conversions

Conversions Part 2

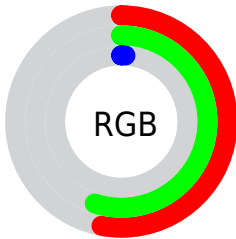
Format	Color
R_{YB}	2, 140, 6
Decimal	8948738
CIE _{Lab}	56.00, -15.59, 59.74
CIE _{LCh}	56, 61.742, 104.627
Y _{xy}	23.9124, 0.4141, 0.5086
Android (android.graphics.Color)	4287138818 (0xFF888C02)
YUV	123.0720, -59.6885, 11.3379
Hunter-Lab	48.9003, -14.4982, 29.8233

Details

The CIELCh color **56, 61.742, 104.627** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **15, 84.738, 306.264**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 61.581, 104.379**, and **36, 45.542, 107.926** is the 20% darker color. If you saturate the color by 10%, you get **56, 62.007, 104.613**, and if you desaturate by 10%, it is **56, 59.357, 104.776**.

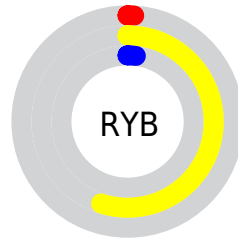
Distribution



Red (53%)

Green (55%)

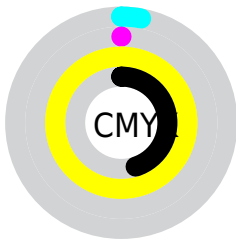
Blue (1%)



Red (1%)

Yellow (55%)

Blue (2%)

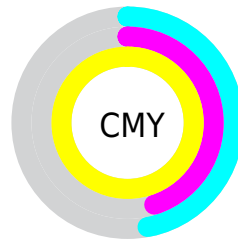


Cyan (3%)

Magenta (0%)

Yellow (99%)

Black (45%)



Cyan (47%)


Magenta (45%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 61.742, 104.627 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, 61.742, 104.627 by changing the saturation by 10% instead.


 56, 61.742,
104.627


 56, 61.742,
104.627


 100, 61.742,
104.627


 46, 61.742,
104.627


 76, 61.742,
104.627

 36, 61.742,
104.627

 86, 61.742,
104.627

 26, 61.742,
104.627

 96, 61.742,
104.627

 16, 61.742,
104.627

 6, 61.742, 104.627

 0, 61.742, 104.627

■ 56, 61.742,
104.627

■ 56, 61.742,
104.627

■ 56, 62.007,
104.613

■ 56, 59.357,
104.776

■ 56, 55.682,
105.095

■ 56, 50.605,
105.607

■ 56, 44.473,
106.268

■ 57, 37.618,
107.035

■ 57, 30.295,
107.872

■ 57, 22.682,
108.748

■ 57, 14.896,

109.642

■ 58, 7.015, 110.534

Harmonies

Complementary

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



56, 61.742, 104.627



15, 84.738, 306.264

Rectangle

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



56, 61.742, 104.627



56, 61.742, 154.627



56, 61.742, 284.627



56, 61.742, 334.627

Sweetspot

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



56, 61.742, 104.629



72, 29.084, 108.591



28, 65.165, 39.060



38, 19.943, 108.263



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



56, 61.742, 104.629



71, 74.992, 104.650



52, 69.487, 128.142



29, 4.412, 110.510



53, 59.677, 104.604



1, 2.057, 111.322

Inverse Universe

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



15, 84.738, 306.264



21, 103.325, 306.375



21, 78.802, 312.564



26, 4.505, 292.190



14, 82.173, 306.415



0, 2.058, 291.323

Previews

White Background



This preview shows how the CIELCh color 56, 61.742, 104.627 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, 61.742, 104.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

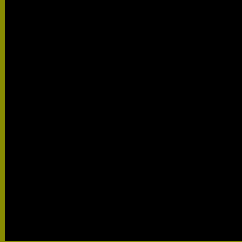
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 61.742, 104.627

Background



This preview shows how black text looks on a background with the CIELCh color 56, 61.742, 104.627.



This preview shows how white text looks on a background with the CIELCh color 56, 61.742, 104.627.

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, 61.742, 104.627

Protanopia

56, 60.925, 95.669

Deuteranopia

56, 57.361, 82.837



Tritanopia
56, 8.241, 336.343

Trichromacy



Original Color
56, 61.742, 104.627

Protanomaly
56, 61.007, 99.312

Deuteranomaly
56, 58.120, 91.310

Tritanomaly
56, 25.112, 99.045

Monochromacy



Original Color
56, 61.742, 104.627

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 28.299, 107.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 61.742, 104.627 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(136, 140, 2)` looks like.

```
.text, #text, p{  
    color:rgb(136, 140, 2)  
}
```

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(136, 140, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 140, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 61.742, 104.627 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(136, 140, 2) }
```

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

```
.border{ border-color:rgb(136, 140, 2) }
```

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

Here you see how a box with a 4 pixel rgb(136, 140, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 140, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 140, 2);  
box-shadow:4px 4px 4px 4px rgb(136, 140,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 61.742, 104.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 140, 2) }
```

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

```
.background{ background-color: rgb(136,  
140, 2) }
```

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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