

Converting Colors

CIELCh(56, 29.510, 14.293)

Have a look what the booklet for
CIELCh(56, 29.510, 14.293) contains.

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Color

CIELCh(56, 29.510, 14.293)

Conversions

Conversions Part 1

Format	Color
Hex	B9737B
RGB	185, 115, 123
RGB Percent	73%, 45%, 48%
CMY	0.2755, 0.5499, 0.5186
CMYK	0.00, 0.38, 0.34, 0.28
HSL	353°, 33%, 59%
HSV	353°, 38%, 72%
XYZ	29.6075, 23.9124, 21.7162
YIQ	136.8420, 39.1520, 17.3280

Conversions

Conversions Part 2

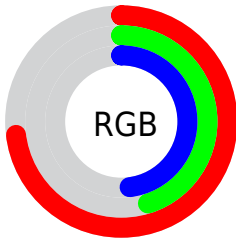
Format	Color
R_{YB}	185, 115, 123
Decimal	12153723
CIE _{Lab}	56.00, 28.60, 7.29
CIE _{LCh}	56, 29.510, 14.293
Yxy	23.9124, 0.3935, 0.3178
Android (android.graphics.Color)	4290343803 (0xFFB9737B)
YUV	136.8420, -6.8241, 42.2346
Hunter-Lab	48.9003, 22.5003, 7.9001

Details

The CIELCh color **56, 29.510, 14.293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **70, 24.056, 186.944**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 29.538, 14.908**, and **36, 29.831, 14.481** is the 20% darker color. If you saturate the color by 10%, you get **52, 38.103, 16.168**, and if you desaturate by 10%, it is **61, 21.150, 12.805**.

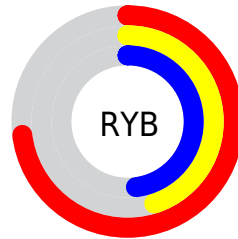
Distribution



Red (73%)

Green (45%)

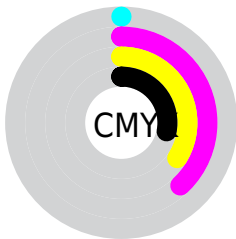
Blue (48%)



Red (73%)

Yellow (45%)

Blue (48%)

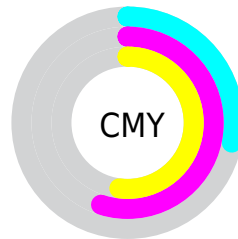


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (28%)



Cyan (28%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 29.510, 14.293 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, 29.510, 14.293 by changing the saturation by 10% instead.

■ 56, 29.510, 14.293

■ 56, 29.510, 14.293

■ 100, 29.510,
14.293

■ 46, 29.510, 14.293

■ 76, 29.510, 14.293

■ 36, 29.510, 14.293

■ 86, 29.510, 14.293

■ 26, 29.510, 14.293

■ 96, 29.510, 14.293

■ 16, 29.510, 14.293

■ 6, 29.510, 14.293

■ 0, 29.510, 14.293

■ 56, 29.510, 14.293

■ 56, 29.510, 14.293

■ 52, 38.103, 16.168

■ 61, 21.150, 12.805

■ 48, 46.719, 18.541

■ 66, 13.166, 11.593

44, 55.075, 21.548

71, 5.622, 10.560

41, 62.883, 25.283

76, 1.465, 190.174

40, 69.906, 29.683

81, 8.106, 189.200

39, 75.954, 34.258

87, 14.331,
188.578

38, 77.161, 35.083

92, 20.177,
188.049

96, 22.726,
196.263

96, 22.635,
198.022

Harmonies

Complementary

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



56, 29.510, 14.293



70, 24.056, 186.944

Rectangle

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



56, 29.510, 14.293



56, 29.510, 64.293



56, 29.510, 194.293



56, 29.510, 244.293

Sweetspot

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



56, 29.508, 14.296



88, 9.804, 10.892



57, 45.057, 322.999



46, 6.611, 11.027



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



56, 29.508, 14.296



67, 44.078, 15.730



62, 24.198, 58.370



36, 4.042, 10.707



32, 67.459, 34.426



2, 10.734, 12.486

Inverse Universe

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



56, 29.508, 14.296



67, 44.078, 15.730



63, 20.086, 247.303



36, 4.042, 10.707



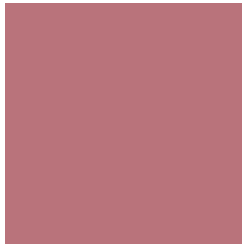
32, 67.459, 34.426



2, 10.734, 12.486

Previews

White Background



This preview shows how the CIELCh color 56, 29.510, 14.293 looks on a white background.

Color Contrast Check

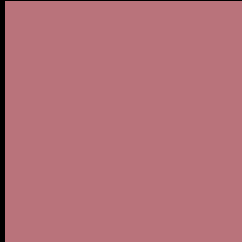
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.510, 14.293 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, 29.510, 14.293

Background



This preview shows how black text looks on a background with the CIELCh color 56, 29.510, 14.293.



This preview shows how white text looks on a background with the CIELCh color 56, 29.510, 14.293.

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, 29.510, 14.293

Protanopia

56, 1.310, 44.989

Deuteranopia

56, 11.216, 50.567



Tritanopia
56, 29.510, 14.293

Trichromacy



Original Color
56, 29.510, 14.293

Protanomaly
56, 11.066, 14.701

Deuteranomaly
56, 17.337, 26.845

Tritanomaly
56, 29.510, 14.293

Monochromacy



Original Color
56, 29.510, 14.293

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 10.258, 10.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 29.510, 14.293 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(185, 115, 123)` looks like.

```
.text, #text, p{  
    color:rgb(185, 115, 123)  
}
```

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(185, 115, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 115, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 29.510, 14.293 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(185, 115, 123) }
```

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

```
.border{ border-color:rgb(185, 115, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 115, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 115, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 115, 123);  
box-shadow:4px 4px 4px 4px rgb(185, 115,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 29.510, 14.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 115, 123) }
```

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

```
.background{ background-color: rgb(185,  
115, 123) }
```

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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