

Converting Colors

CIELCh(56, 11.208, 289.499)

Have a look what the booklet for
CIELCh(56, 11.208, 289.499)
contains.

CIELCh(56, 10.886, 289.518)	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, 10.886, 289.518)

Conversions

Conversions Part 1

Format	Color
Hex	848598
RGB	132, 133, 152
RGB Percent	52%, 52%, 60%
CMY	0.4827, 0.4788, 0.4043
CMYK	0.13, 0.13, 0.00, 0.40
HSL	237°, 9%, 56%
HSV	237°, 13%, 60%
XYZ	23.5365, 23.9124, 33.0409
YIQ	134.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

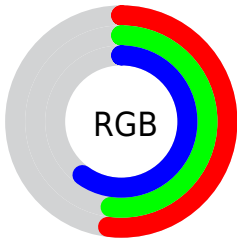
Format	Color
R_{YB}	132, 133, 152
Decimal	8684952
CIE Lab	56.00, 3.64, -10.26
CIE LCh	56, 10.886, 289.518
Yxy	23.9124, 0.2924, 0.2971
Android (android.graphics.Color)	4286875032 (0xFF848598)
YUV	134.8670, 8.4466, -2.5144
Hunter-Lab	48.9003, 0.3393, -5.8308

Details

The CIELCh color $56, 10.886, 289.518$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 10.601, 106.807$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 10.778, 289.305$, and $36, 10.572, 287.646$ is the 20% darker color. If you saturate the color by 10%, you get $51, 19.518, 290.797$, and if you desaturate by 10%, it is $61, 2.574, 288.438$.

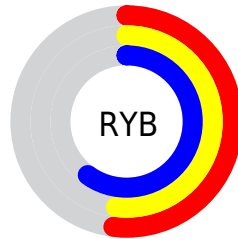
Distribution



Red (52%)

Green (52%)

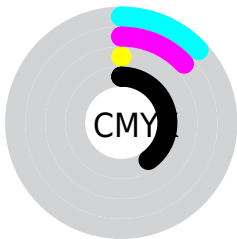
Blue (60%)



Red (52%)

Yellow (52%)

Blue (60%)

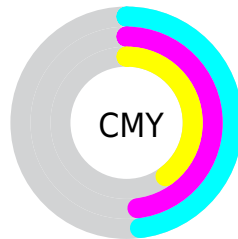


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (40%)



Cyan (48%)


Magenta (48%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 10.886, 289.518 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, 10.886, 289.518 by changing the saturation by 10% instead.


 56, 10.886,
289.518


 56, 10.886,
289.518


 100, 10.886,
289.518


 46, 10.886,
289.518


 76, 10.886,
289.518

 36, 10.886,
289.518

 86, 10.886,
289.518

 26, 10.886,
289.518

 96, 10.886,
289.518

 16, 10.886,
289.518

 6, 10.886, 289.518

 0, 10.886, 289.518

56, 10.886,
289.518

56, 10.886,
289.518

51, 19.518,
290.797

61, 2.574, 288.438

46, 28.500,
292.300

66, 5.438, 107.462

40, 37.851,
294.048

71, 13.173,
106.667

35, 47.567,
296.048

76, 20.650,
105.977

30, 57.564,
298.269

81, 27.886,
105.379

26, 67.579,
300.603

86, 34.895,
104.860


22, 76.984,
302.845


91, 41.692,
104.405

19, 84.680,

96, 48.288,
104.007

304.695

 98, 51.212,
106.260

 18, 88.438,
305.526

Harmonies

Complementary

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



56, 10.886, 289.518



62, 10.601, 106.807

Rectangle

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



56, 10.886, 289.518



56, 10.886, 339.518



56, 10.886, 109.518



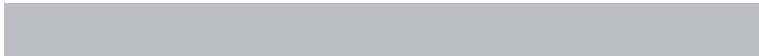
56, 10.886, 159.518

Sweetspot

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



56, 10.885, 289.514



77, 4.015, 288.525



61, 7.531, 193.029



40, 2.879, 288.596



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 10.885, 289.514



69, 16.402, 289.896



56, 11.955, 307.332



30, 4.667, 289.065



16, 83.207, 305.451



0, 4.973, 288.136

Inverse Universe

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



57, 8.083, 16.186



70, 12.245, 16.479



62, 11.715, 126.103



30, 3.442, 15.836



28, 64.456, 37.033



1, 3.608, 15.310

Previews

White Background



This preview shows how the CIELCh color 56, 10.886, 289.518 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, 10.886, 289.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

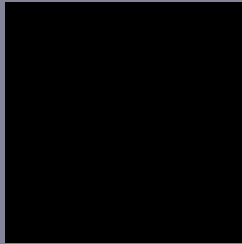
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

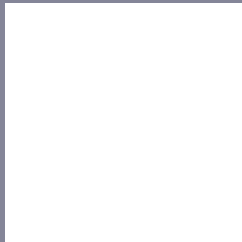
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 10.886, 289.518

Background



This preview shows how black text looks on a background with the CIELCh color 56, 10.886, 289.518.



This preview shows how white text looks on a background with the CIELCh color 56, 10.886, 289.518.

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

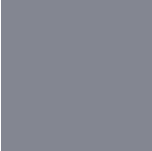
56, 10.886, 289.518

Protanopia

56, 10.898, 287.578

Deuteranopia

56, 12.457, 305.520



Tritanopia
56, 6.380, 280.684

Trichromacy



Original Color
56, 10.886, 289.518

Protanomaly
56, 10.898, 287.578

Deuteranomaly
56, 11.589, 298.932

Tritanomaly
56, 8.073, 283.125

Monochromacy



Original Color
56, 10.886, 289.518

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 4.010, 290.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 10.886, 289.518 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(132, 133, 152)` looks like.

```
.text, #text, p{  
    color:rgb(132, 133, 152)  
}
```

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(132, 133, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 133, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 10.886, 289.518 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(132, 133, 152) }
```

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

```
.border{ border-color:rgb(132, 133, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 133, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 133, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 133, 152);  
box-shadow:4px 4px 4px 4px rgb(132, 133,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 10.886, 289.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 133, 152) }
```

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

```
.background{ background-color: rgb(132,  
133, 152) }
```

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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