

Converting Colors

CIELCh(56, 27.115, 113.366)

Have a look what the booklet for
CIELCh(56, 27.115, 113.366)
contains.

CIELCh(56, 27.115, 113.366)	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, 27.115, 113.366)

Conversions

Conversions Part 1

Format	Color
Hex	838A5A
RGB	131, 138, 90
RGB Percent	51%, 54%, 35%
CMY	0.4845, 0.4571, 0.6454
CMYK	0.05, 0.00, 0.35, 0.46
HSL	69°, 21%, 45%
HSV	69°, 35%, 54%
XYZ	20.4463, 23.9124, 13.3051
YIQ	130.4350, 11.2360, -16.4120

Conversions

Conversions Part 2

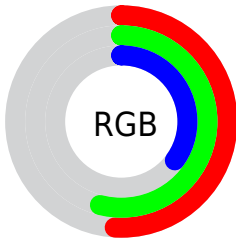
Format	Color
R_{YB}	90, 138, 97
Decimal	8620634
CIE _{Lab}	56.00, -10.75, 24.89
CIE _{LCh}	56, 27.115, 113.366
Yxy	23.9124, 0.3546, 0.4147
Android (android.graphics.Color)	4286810714 (0xFF838A5A)
YUV	130.4350, -19.9345, 0.4955
Hunter-Lab	48.9003, -10.9409, 18.0983

Details

The CIELCh color $56, 27.115, 113.366$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $41, 29.366, 299.091$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 26.690, 112.842$, and $36, 27.138, 112.862$ is the 20% darker color. If you saturate the color by 10%, you get $56, 34.579, 112.675$, and if you desaturate by 10%, it is $56, 19.424, 114.095$.

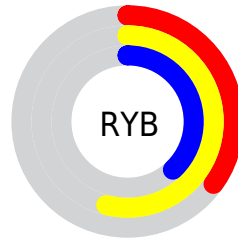
Distribution



Red (51%)

Green (54%)

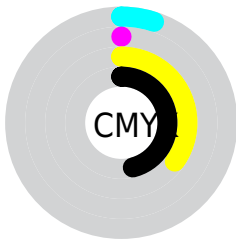
Blue (35%)



Red (35%)

Yellow (54%)

Blue (38%)

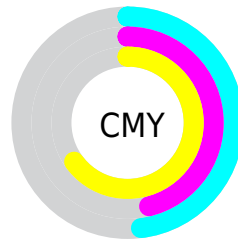


Cyan (5%)

Magenta (0%)

Yellow (35%)

Black (46%)



Cyan (48%)


Magenta (46%)


Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 27.115, 113.366 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, 27.115, 113.366 by changing the saturation by 10% instead.


 56, 27.115,
113.366

 56, 27.115,
113.366


 100, 27.115,
113.366


 46, 27.115,
113.366

 76, 27.115,
113.366


 36, 27.115,
113.366


 86, 27.115,
113.366

 26, 27.115,
113.366

 96, 27.115,
113.366

 16, 27.115,
113.366

 6, 27.115, 113.366

 0, 27.115, 113.366

■ 56, 27.115,
113.366

■ 56, 27.115,
113.366

■ 56, 34.579,
112.675

■ 56, 19.424,
114.095

■ 55, 41.667,
112.047

■ 57, 11.598,
114.830

■ 55, 48.167,
111.532

■ 57, 3.705, 115.557

■ 55, 53.786,
111.190

■ 58, 4.213, 296.269

■ 55, 58.178,
111.095

■ 59, 12.124,
296.950

■ 54, 61.082,
111.305

■ 59, 20.007,
297.600

■ 54, 62.387,
111.455

■ 60, 27.845,
298.216

■ 61, 35.625,
298.797

■ 61, 43.338,
299.341

Harmonies

Complementary

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



56, 27.115, 113.366



41, 29.366, 299.091

Rectangle

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



56, 27.115, 113.366



56, 27.115, 163.366



56, 27.115, 293.366



56, 27.115, 343.366

Sweetspot

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



56, 27.116, 113.369



73, 9.836, 115.157



45, 19.100, 33.019



39, 6.762, 115.066



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, 27.116, 113.369



71, 40.540, 112.793



54, 30.030, 132.022



29, 4.439, 115.235



52, 60.458, 111.422



1, 2.069, 115.892

Inverse Universe

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



41, 29.366, 299.091



48, 44.951, 300.094



43, 31.016, 315.048



27, 4.530, 296.590



15, 81.402, 307.015



0, 2.070, 295.892

Previews

White Background



This preview shows how the CIELCh color 56, 27.115, 113.366 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, 27.115, 113.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

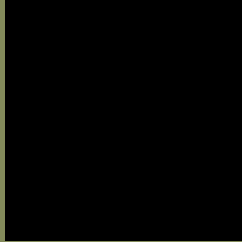
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 27.115, 113.366

Background



This preview shows how black text looks on a background with the CIELCh color 56, 27.115, 113.366.



This preview shows how white text looks on a background with the CIELCh color 56, 27.115, 113.366.

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, 27.115, 113.366

Protanopia

56, 25.986, 95.242

Deuteranopia

56, 24.803, 72.550



Tritanopia
56, 6.214, 312.748

Trichromacy



Original Color
56, 27.115, 113.366

Protanomaly
56, 25.988, 102.172

Deuteranomaly
56, 24.129, 88.070

Tritanomaly
56, 6.319, 102.020

Monochromacy



Original Color
56, 27.115, 113.366

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 10.348, 115.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 27.115, 113.366 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(131, 138, 90)` looks like.

```
.text, #text, p{  
    color:rgb(131, 138, 90)  
}
```

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(131, 138, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 138, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 27.115, 113.366 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(131, 138, 90) }
```

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

```
.border{ border-color:rgb(131, 138, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 138, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 138, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 138, 90);  
box-shadow:4px 4px 4px 4px rgb(131, 138,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 27.115, 113.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 138, 90) }
```

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

```
.background{ background-color: rgb(131,  
138, 90) }
```

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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