

Converting Colors

CIELCh(56, 14.024, 73.627)

Have a look what the booklet for
CIELCh(56, 14.024, 73.627) contains.

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Color

CIELCh(56, 14.046, 73.608)

Conversions

Conversions Part 1

Format	Color
Hex	96836F
RGB	150, 131, 111
RGB Percent	59%, 51%, 44%
CMY	0.4113, 0.4858, 0.5642
CMYK	0.00, 0.13, 0.26, 0.41
HSL	31°, 16%, 51%
HSV	31°, 26%, 59%
XYZ	23.6101, 23.9124, 18.4449
YIQ	134.4010, 17.7440, -2.1920

Conversions

Conversions Part 2

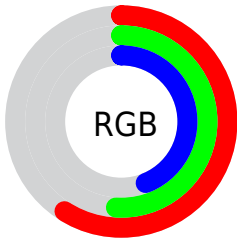
Format	Color
R_{YB}	148, 150, 111
Decimal	9864047
CIE _{Lab}	56.00, 3.96, 13.48
CIE _{LCh}	56, 14.046, 73.608
Yxy	23.9124, 0.3579, 0.3625
Android (android.graphics.Color)	4288054127 (0xFF96836F)
YUV	134.4010, -11.5367, 13.6803
Hunter-Lab	48.9003, 0.6079, 11.8664

Details

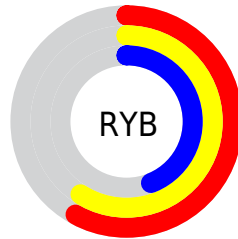
The CIELCh color $56, 14.046, 73.608$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 13.187, 260.645$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 14.014, 72.882$, and $36, 14.350, 74.021$ is the 20% darker color. If you saturate the color by 10%, you get $54, 19.886, 72.370$, and if you desaturate by 10%, it is $58, 8.452, 74.840$.

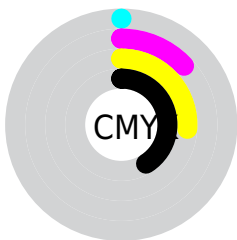
Distribution



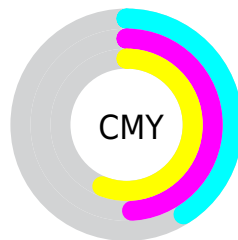
- Red (59%)
- Green (51%)
- Blue (44%)



- Red (58%)
- Yellow (59%)
- Blue (44%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (41%)



- Cyan (41%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 14.046, 73.608 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, 14.046, 73.608 by changing the saturation by 10% instead.

■ 56, 14.046, 73.608

■ 56, 14.046, 73.608

■ 100, 14.046,
73.608

■ 46, 14.046, 73.608

■ 76, 14.046, 73.608

■ 36, 14.046, 73.608

■ 86, 14.046, 73.608

■ 26, 14.046, 73.608

■ 96, 14.046, 73.608

■ 16, 14.046, 73.608

■ 6, 14.046, 73.608

■ 0, 14.046, 73.608

■ 56, 14.046, 73.608

■ 56, 14.046, 73.608

■ 54, 19.886, 72.370

■ 58, 8.452, 74.840

■ 51, 25.965, 71.106

■ 61, 3.094, 75.996

49, 32.242, 69.820

63, 2.046, 257.419

47, 38.614, 68.484

66, 6.987, 258.473

45, 44.858, 67.028

68, 11.751,
259.572

43, 50.542, 65.304

70, 16.355,
260.639

42, 55.088, 63.100

41, 56.955, 62.323

73, 20.820,
261.665

75, 25.159,
262.648

78, 29.387,
263.586

Harmonies

Complementary

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



56, 14.046, 73.608



54, 13.187, 260.645

Rectangle

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



56, 14.046, 73.608



56, 14.046, 123.608



56, 14.046, 253.608



56, 14.046, 303.608

Sweetspot

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



56, 14.046, 73.617



77, 5.175, 75.758



51, 19.240, 345.938



40, 3.719, 75.597



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, 14.046, 73.617



70, 21.120, 72.914



61, 21.673, 107.729



30, 2.907, 75.642



38, 53.408, 62.636



2, 2.504, 76.797

Inverse Universe

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



54, 13.187, 260.645



67, 19.523, 261.715



48, 23.013, 293.172



30, 2.853, 258.033



29, 45.749, 284.150



1, 2.504, 256.810

Previews

White Background



This preview shows how the CIELCh color 56, 14.046, 73.608 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, 14.046, 73.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

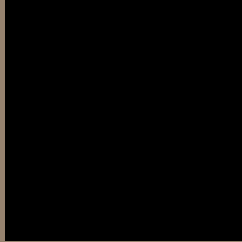
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 14.046, 73.608

Background



This preview shows how black text looks on a background with the CIELCh color 56, 14.046, 73.608.



This preview shows how white text looks on a background with the CIELCh color 56, 14.046, 73.608.

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, 14.046, 73.608

Protanopia

56, 12.416, 93.021

Deuteranopia

56, 14.847, 60.631



Tritanopia
56, 11.833, 351.931

Trichromacy



Original Color
56, 14.046, 73.608

Protanomaly
56, 13.007, 85.774

Deuteranomaly
56, 14.281, 65.598

Tritanomaly
56, 9.414, 23.809

Monochromacy



Original Color
56, 14.046, 73.608

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 5.359, 77.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 14.046, 73.608 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(150, 131, 111)` looks like.

```
.text, #text, p{  
    color:rgb(150, 131, 111)  
}
```

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(150, 131, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 131, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 14.046, 73.608 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(150, 131, 111) }
```

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

```
.border{ border-color:rgb(150, 131, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 131, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 131, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 131, 111);  
box-shadow:4px 4px 4px 4px rgb(150, 131,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 14.046, 73.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 131, 111) }
```

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

```
.background{ background-color: rgb(150,  
131, 111) }
```

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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