

Converting Colors

CIELCh(68, 7.214, 56.446)

Have a look what the booklet for
CIELCh(68, 7.214, 56.446) contains.

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Color

CIELCh(68, 7.344, 56.368)

Conversions

Conversions Part 1

Format	Color
Hex	B2A39B
RGB	178, 163, 155
RGB Percent	70%, 64%, 61%
CMY	0.3024, 0.3612, 0.3926
CMYK	0.00, 0.08, 0.13, 0.30
HSL	21°, 13%, 65%
HSV	21°, 13%, 70%
XYZ	37.3214, 37.9720, 36.3262
YIQ	166.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

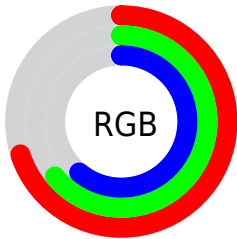
Format	Color
RYB	178, 167, 155
Decimal	11707291
CIELab	68.00, 4.07, 6.11
CIELCh	68, 7.344, 56.368
Yxy	37.9720, 0.3344, 0.3402
Android (android.graphics.Color)	4289897371 (0xFFB2A39B)
YUV	166.5730, -5.7055, 10.0215
Hunter-Lab	61.6215, 0.2719, 8.1832

Details

The CIELCh color $68, 7.344, 56.368$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 6.899, 238.828$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 7.537, 57.982$, and $48, 7.239, 54.403$ is the 20% darker color. If you saturate the color by 10%, you get $65, 13.490, 55.624$, and if you desaturate by 10%, it is $72, 1.605, 56.997$.

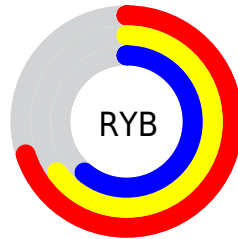
Distribution



Red (70%)

Green (64%)

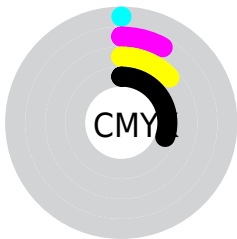
Blue (61%)



Red (70%)

Yellow (65%)

Blue (61%)

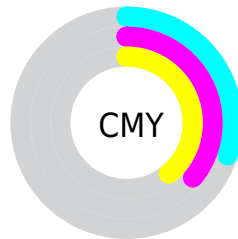


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.344, 56.368 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 68, 7.344, 56.368 by changing the saturation by 10% instead.

 68, 7.344, 56.368  68, 7.344, 56.368

 100, 7.344, 56.368  58, 7.344, 56.368

 88, 7.344, 56.368  48, 7.344, 56.368

 98, 7.344, 56.368  38, 7.344, 56.368

 28, 7.344, 56.368

 18, 7.344, 56.368

 8, 7.344, 56.368

 0, 7.344, 56.368

 68, 7.344, 56.368  68, 7.344, 56.368

 65, 13.490, 55.624  72, 1.605, 56.997

61, 20.079, 54.901

75, 3.769, 238.234

58, 27.136, 54.242

79, 8.818, 239.024

55, 34.659, 53.660

82, 13.580,
239.862

52, 42.593, 53.148

86, 18.091,
240.700

49, 50.770, 52.653

46, 58.796, 52.028

89, 20.545,
233.488

44, 65.859, 50.931

92, 21.613,
213.385

43, 70.227, 50.040

95, 24.580,
197.902

Harmonies

Complementary

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



68, 7.344, 56.368



69, 6.899, 238.828

Rectangle

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



68, 7.344, 56.368



68, 7.344, 106.368



68, 7.344, 236.368



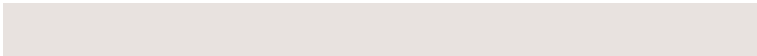
68, 7.344, 286.368

Sweetspot

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



68, 7.344, 56.385



90, 2.734, 56.979



66, 12.194, 336.550



48, 1.964, 56.948



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 7.344, 56.385



85, 11.414, 56.129



71, 10.513, 100.910



36, 3.186, 56.655



37, 62.575, 50.482



4, 7.549, 47.693

Inverse Universe

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



69, 6.899, 238.828



86, 10.531, 239.199



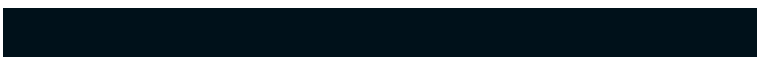
66, 10.699, 283.873



36, 3.051, 238.467



40, 36.012, 263.688



4, 7.793, 250.570

Previews

White Background



This preview shows how the CIELCh color 68, 7.344, 56.368 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 68, 7.344, 56.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

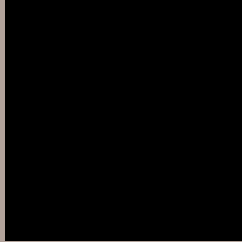
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 7.344, 56.368

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.344, 56.368.



This preview shows how white text looks on a background with the CIELCh color 68, 7.344, 56.368.

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

68, 7.344, 56.368

Protanopia

68, 5.448, 84.282

Deuteranopia

68, 10.655, 35.092



Tritanopia
68, 10.443, 337.142

Trichromacy



Original Color
68, 7.344, 56.368

Protanomaly
68, 5.862, 67.961

Deuteranomaly
68, 9.291, 40.743

Tritanomaly
68, 7.443, 358.411

Monochromacy



Original Color
68, 7.344, 56.368

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.512, 60.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 7.344, 56.368 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(178, 163, 155)` looks like.

```
.text, #text, p{  
    color:rgb(178, 163, 155)  
}
```

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(178, 163, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 163, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.344, 56.368 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(178, 163, 155) }
```

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

```
.border{ border-color:rgb(178, 163, 155) }
```

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

Here you see how a box with a 4 pixel rgb(178, 163, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 163, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 163, 155);  
box-shadow:4px 4px 4px 4px rgb(178, 163,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.344, 56.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 163, 155) }
```

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

```
.background{ background-color: rgb(178,  
163, 155) }
```

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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