

Converting Colors

CIELCh(56, 12.250, 73.860)

Have a look what the booklet for
CIELCh(56, 12.250, 73.860) contains.

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Color

CIELCh(56, 12.316, 75.689)

Conversions

Conversions Part 1

Format	Color
Hex	948472
RGB	148, 132, 114
RGB Percent	58%, 52%, 45%
CMY	0.4207, 0.4834, 0.5539
CMYK	0.00, 0.11, 0.23, 0.42
HSL	32°, 14%, 51%
HSV	32°, 23%, 58%
XYZ	23.4035, 23.9124, 19.2263
YIQ	134.7320, 15.3140, -2.2060

Conversions

Conversions Part 2

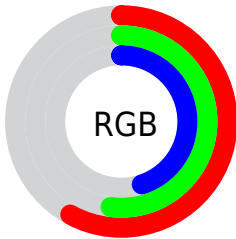
Format	Color
RYB	144, 148, 114
Decimal	9733234
CIELab	56.00, 3.04, 11.93
CIELCh	56, 12.316, 75.689
Yxy	23.9124, 0.3517, 0.3594
Android (android.graphics.Color)	4287923314 (0xFF948472)
YUV	134.7320, -10.2209, 11.6360
Hunter-Lab	48.9003, -0.1463, 10.9189

Details

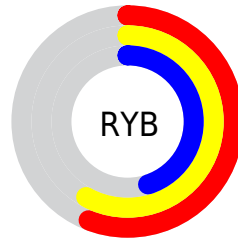
The CIELCh color $56, 12.316, 75.689$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 11.729, 261.886$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 12.179, 76.109$, and $36, 12.442, 76.622$ is the 20% darker color. If you saturate the color by 10%, you get $54, 18.038, 74.435$, and if you desaturate by 10%, it is $58, 6.820, 76.928$.

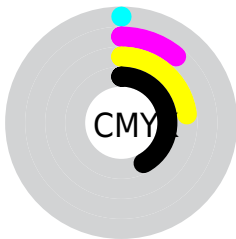
Distribution



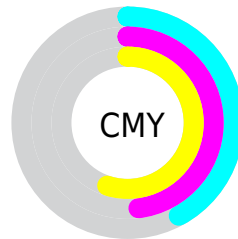
- Red (58%)
- Green (52%)
- Blue (45%)



- Red (56%)
- Yellow (58%)
- Blue (45%)



- Cyan (0%)
- Magenta (11%)
- Yellow (23%)
- Black (42%)



- Cyan (42%)
- Magenta (48%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 12.316, 75.689 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, 12.316, 75.689 by changing the saturation by 10% instead.

■ 56, 12.316, 75.689

■ 56, 12.316, 75.689

■ 100, 12.316,
75.689

■ 46, 12.316, 75.689

■ 76, 12.316, 75.689

■ 36, 12.316, 75.689

■ 86, 12.316, 75.689

■ 26, 12.316, 75.689

■ 96, 12.316, 75.689

■ 16, 12.316, 75.689

■ 6, 12.316, 75.689

■ 0, 12.316, 75.689

■ 56, 12.316, 75.689

■ 56, 12.316, 75.689

■ 54, 18.038, 74.435

■ 58, 6.820, 76.928

■ 52, 23.982, 73.150

■ 61, 1.540, 78.011

50, 30.117, 71.840

63, 3.540, 259.455

48, 36.360, 70.485

65, 8.440, 260.560

46, 42.527, 69.034

68, 13.177,
261.657

44, 48.260, 67.370

70, 17.769,
262.716

42, 52.959, 65.269

41, 55.959, 63.787

72, 22.232,
263.731

75, 26.580,
264.701

77, 30.826,
265.625

Harmonies

Complementary

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



56, 12.316, 75.689



54, 11.729, 261.886

Rectangle

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



56, 12.316, 75.689



56, 12.316, 125.689



56, 12.316, 255.689



56, 12.316, 305.689

Sweetspot

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



56, 12.316, 75.698



75, 4.476, 77.614



52, 16.606, 346.577



40, 2.935, 77.557



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



56, 12.316, 75.698



70, 18.717, 74.999



60, 18.970, 108.728



30, 2.942, 77.379



38, 53.115, 64.040



2, 2.537, 78.544

Inverse Universe

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



54, 11.729, 261.886



66, 17.588, 262.886



49, 19.989, 293.337



30, 2.894, 259.787



28, 47.253, 285.702



1, 2.537, 258.556

Previews

White Background



This preview shows how the CIELCh color 56, 12.316, 75.689 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, 12.316, 75.689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

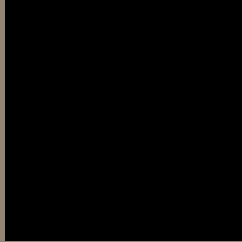
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 12.316, 75.689

Background



This preview shows how black text looks on a background with the CIELCh color 56, 12.316, 75.689.



This preview shows how white text looks on a background with the CIELCh color 56, 12.316, 75.689.

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, 12.316, 75.689

Protanopia

56, 11.203, 93.739

Deuteranopia

56, 13.721, 58.490



Tritanopia
56, 10.779, 348.646

Trichromacy



Original Color
56, 12.316, 75.689

Protanomaly
56, 11.085, 86.738

Deuteranomaly
56, 13.117, 63.788

Tritanomaly
56, 8.537, 20.270

Monochromacy



Original Color
56, 12.316, 75.689

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 4.181, 74.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 12.316, 75.689 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(148, 132, 114)` looks like.

```
.text, #text, p{  
    color:rgb(148, 132, 114)  
}
```

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(148, 132, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 132, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 12.316, 75.689 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(148, 132, 114) }
```

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

```
.border{ border-color:rgb(148, 132, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 132, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 132, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 132, 114);  
box-shadow:4px 4px 4px 4px rgb(148, 132,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 12.316, 75.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 132, 114) }
```

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

```
.background{ background-color: rgb(148,  
132, 114) }
```

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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