

Converting Colors

CIELCh(56, 7.177, 19.974)

Have a look what the booklet for
CIELCh(56, 7.177, 19.974) contains.

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Color

CIELCh(56, 7.283, 20.122)

Conversions

Conversions Part 1

Format	Color
Hex	948282
RGB	148, 130, 130
RGB Percent	58%, 51%, 51%
CMY	0.4192, 0.4898, 0.4898
CMYK	0.00, 0.12, 0.12, 0.42
HSL	0°, 8%, 55%
HSV	0°, 12%, 58%
XYZ	24.2638, 23.9124, 24.4917
YIQ	135.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

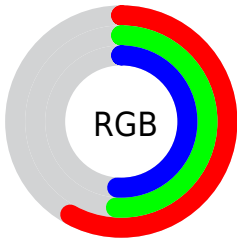
Format	Color
R_{YB}	148, 130, 130
Decimal	9732738
CIE _{Lab}	56.00, 6.84, 2.51
CIE _{LCh}	56, 7.283, 20.122
Yxy	23.9124, 0.3339, 0.3291
Android (android.graphics.Color)	4287922818 (0xFF948282)
YUV	135.3820, -2.6533, 11.0660
Hunter-Lab	48.9003, 2.9942, 4.5349

Details

The CIELCh color $56, 7.283, 20.122$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 6.754, 198.845$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 7.188, 19.925$, and $36, 7.080, 20.414$ is the 20% darker color. If you saturate the color by 10%, you get $52, 13.790, 20.996$, and if you desaturate by 10%, it is $60, 1.243, 19.189$.

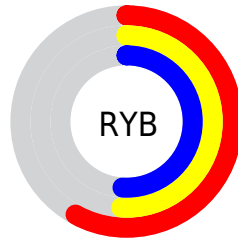
Distribution



Red (58%)

Green (51%)

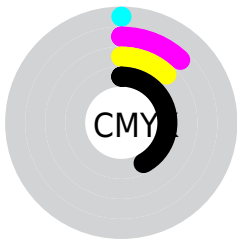
Blue (51%)



Red (58%)

Yellow (51%)

Blue (51%)

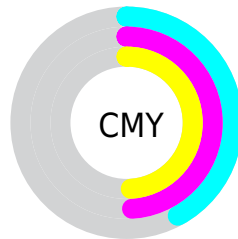


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 7.283, 20.122 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, 7.283, 20.122 by changing the saturation by 10% instead.

 56, 7.283, 20.122  56, 7.283, 20.122

 100, 7.283, 20.122  46, 7.283, 20.122

 76, 7.283, 20.122  36, 7.283, 20.122

 86, 7.283, 20.122  26, 7.283, 20.122

 96, 7.283, 20.122  16, 7.283, 20.122

 6, 7.283, 20.122

 0, 7.283, 20.122

 56, 7.283, 20.122  56, 7.283, 20.122

 52, 13.790, 20.996  60, 1.243, 19.189

 48, 20.766, 22.084  65, 4.351, 199.135

44, 28.167, 23.491

69, 9.538, 198.673

40, 35.894, 25.314

74, 14.360,
198.330

37, 43.775, 27.657

78, 18.857,
198.058

34, 51.566, 30.576

32, 58.923, 33.974

83, 23.071,
197.836

31, 65.203, 37.354

87, 27.034,
197.654

30, 69.101, 39.369

92, 30.780,
197.502

94, 32.347,
197.428

Harmonies

Complementary

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



56, 7.283, 20.122



60, 6.754, 198.845

Rectangle

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



56, 7.283, 20.122



56, 7.283, 70.122



56, 7.283, 200.122



56, 7.283, 250.122

Sweetspot

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



56, 7.282, 20.134



76, 2.893, 19.472



57, 12.459, 325.073



40, 2.056, 19.542



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, 7.282, 20.134



70, 11.326, 20.388



58, 6.251, 73.930



29, 3.342, 19.905



28, 65.124, 38.931



1, 2.828, 19.418

Inverse Universe

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



60, 6.754, 198.845



76, 10.290, 198.675



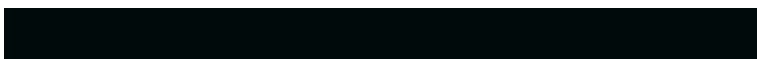
57, 6.073, 257.037



31, 3.159, 199.016



52, 31.687, 196.410



2, 2.828, 199.435

Previews

White Background



This preview shows how the CIELCh color 56, 7.283, 20.122 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, 7.283, 20.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

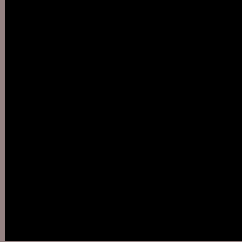
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

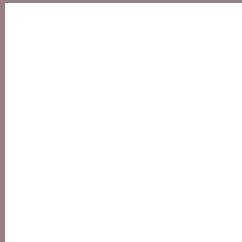
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 7.283, 20.122

Background



This preview shows how black text looks on a background with the CIELCh color 56, 7.283, 20.122.



This preview shows how white text looks on a background with the CIELCh color 56, 7.283, 20.122.

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, 7.283, 20.122

Protanopia

56, 1.638, 63.334

Deuteranopia

56, 7.696, 20.169



Tritanopia
56, 9.772, 344.730

Trichromacy



Original Color
56, 7.283, 20.122

Protanomaly
56, 3.391, 39.219

Deuteranomaly
56, 7.696, 20.169

Tritanomaly
56, 8.925, 353.800

Monochromacy



Original Color
56, 7.283, 20.122

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 2.784, 19.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 7.283, 20.122 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, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(148, 130, 130)  
}
```

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, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 130, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 7.283, 20.122 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, 130, 130) }
```

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

```
.border{ border-color:rgb(148, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(148, 130,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 7.283, 20.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 130, 130) }
```

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

```
.background{ background-color: rgb(148,  
130, 130) }
```

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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