

Converting Colors

CIELCh(56, 11.793, 38.477)

Have a look what the booklet for
CIELCh(56, 11.793, 38.477) contains.

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Color

CIELCh(56, 11.781, 37.264)

Conversions

Conversions Part 1

Format	Color
Hex	9B807A
RGB	155, 128, 122
RGB Percent	61%, 50%, 48%
CMY	0.3911, 0.4970, 0.5206
CMYK	0.00, 0.17, 0.21, 0.39
HSL	11°, 14%, 54%
HSV	11°, 21%, 61%
XYZ	24.8508, 23.9124, 21.8012
YIQ	135.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

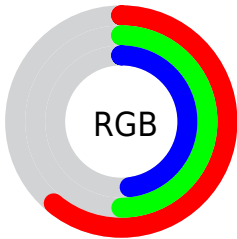
Format	Color
R_{YB}	155, 129, 122
Decimal	10190970
CIE Lab	56.00, 9.38, 7.13
CIE LCh	56, 11.781, 37.264
Yxy	23.9124, 0.3522, 0.3389
Android (android.graphics.Color)	4288381050 (0xFF9B807A)
YUV	135.3890, -6.6008, 17.1988
Hunter-Lab	48.9003, 5.1370, 7.7971

Details

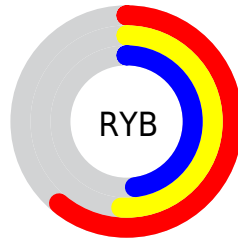
The CIELCh color $56, 11.781, 37.264$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 10.248, 218.022$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 11.870, 38.574$, and $36, 11.715, 39.192$ is the 20% darker color. If you saturate the color by 10%, you get $52, 18.046, 37.439$, and if you desaturate by 10%, it is $60, 5.991, 37.221$.

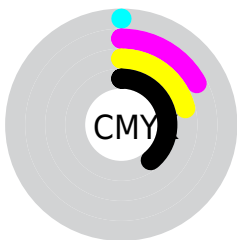
Distribution



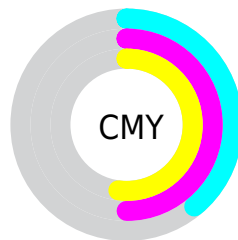
- Red (61%)
- Green (50%)
- Blue (48%)



- Red (61%)
- Yellow (51%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (39%)



- Cyan (39%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 11.781, 37.264 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, 11.781, 37.264 by changing the saturation by 10% instead.

■ 56, 11.781, 37.264

■ 56, 11.781, 37.264

■ 100, 11.781,
37.264

■ 46, 11.781, 37.264

■ 76, 11.781, 37.264

■ 36, 11.781, 37.264

■ 86, 11.781, 37.264

■ 26, 11.781, 37.264

■ 96, 11.781, 37.264

■ 16, 11.781, 37.264

■ 6, 11.781, 37.264

■ 0, 11.781, 37.264

■ 56, 11.781, 37.264

■ 56, 11.781, 37.264

■ 52, 18.046, 37.439

■ 60, 5.991, 37.221

■ 49, 24.807, 37.773

■ 64, 0.644, 36.683

45, 32.056, 38.318

67, 4.302, 217.661

42, 39.738, 39.107

71, 8.888, 217.833

39, 47.717, 40.138

75, 13.157,
218.085

37, 55.697, 41.314

79, 17.146,
218.373

35, 63.023, 42.313

34, 68.580, 43.162

83, 20.890,
218.684

87, 24.419,
219.007

91, 27.223,
211.605

Harmonies

Complementary

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



56, 11.781, 37.264



60, 10.248, 218.022

Rectangle

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



56, 11.781, 37.264



56, 11.781, 87.264



56, 11.781, 217.264



56, 11.781, 267.264

Sweetspot

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



56, 11.780, 37.274



78, 3.865, 37.190



55, 20.261, 330.656



41, 2.590, 37.197



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



56, 11.780, 37.274



69, 18.196, 37.342



60, 13.181, 88.482



30, 2.946, 37.214



30, 63.125, 43.034



1, 3.085, 37.050

Inverse Universe

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



60, 10.248, 218.022



75, 15.230, 218.263



55, 13.122, 274.110



31, 2.784, 217.675



44, 27.946, 230.740



2, 3.055, 218.965

Previews

White Background



This preview shows how the CIELCh color 56, 11.781, 37.264 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, 11.781, 37.264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

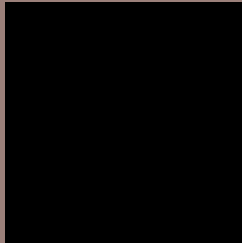
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 11.781, 37.264

Background



This preview shows how black text looks on a background with the CIELCh color 56, 11.781, 37.264.



This preview shows how white text looks on a background with the CIELCh color 56, 11.781, 37.264.

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, 11.781, 37.264

Protanopia

56, 5.505, 87.918

Deuteranopia

56, 10.239, 46.506



Tritanopia
56, 13.658, 356.341

Trichromacy



Original Color
56, 11.781, 37.264

Protanomaly
56, 7.017, 60.186

Deuteranomaly
56, 10.774, 41.944

Tritanomaly
56, 11.991, 9.802

Monochromacy



Original Color
56, 11.781, 37.264

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 4.165, 35.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 11.781, 37.264 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(155, 128, 122)` looks like.

```
.text, #text, p{  
    color:rgb(155, 128, 122)  
}
```

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(155, 128, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 128, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 11.781, 37.264 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(155, 128, 122) }
```

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

```
.border{ border-color:rgb(155, 128, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 128, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 128, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 128, 122);  
box-shadow:4px 4px 4px 4px rgb(155, 128,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 11.781, 37.264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 128, 122) }
```

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

```
.background{ background-color: rgb(155,  
128, 122) }
```

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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