

Converting Colors

CIELCh(56, 7.818, 59.241)

Have a look what the booklet for
CIELCh(56, 7.818, 59.241) contains.

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Color

CIELCh(56, 7.721, 61.286)

Conversions

Conversions Part 1

Format	Color
Hex	92847B
RGB	146, 132, 123
RGB Percent	57%, 52%, 48%
CMY	0.4288, 0.4837, 0.5189
CMYK	0.00, 0.10, 0.16, 0.43
HSL	23°, 10%, 53%
HSV	23°, 16%, 57%
XYZ	23.5528, 23.9124, 22.0040
YIQ	135.1600, 11.2330, 0.1690

Conversions

Conversions Part 2

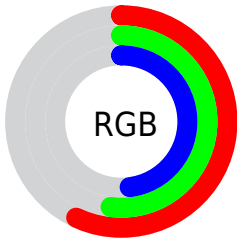
Format	Color
R_{YB}	146, 138, 123
Decimal	9602171
CIE _{Lab}	56.00, 3.71, 6.77
CIE _{LCh}	56, 7.721, 61.286
Yxy	23.9124, 0.3390, 0.3442
Android (android.graphics.Color)	4287792251 (0xFF92847B)
YUV	135.1600, -5.9949, 9.5067
Hunter-Lab	48.9003, 0.3988, 7.5511

Details

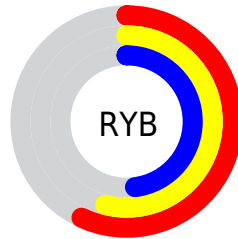
The CIELCh color $56, 7.721, 61.286$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 7.225, 244.680$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 7.862, 62.578$, and $36, 7.810, 65.043$ is the 20% darker color. If you saturate the color by 10%, you get $53, 13.020, 60.384$, and if you desaturate by 10%, it is $59, 2.741, 62.174$.

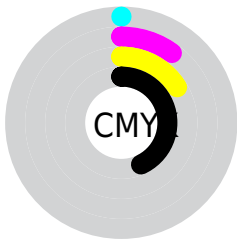
Distribution



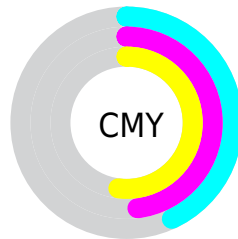
- Red (57%)
- Green (52%)
- Blue (48%)



- Red (57%)
- Yellow (54%)
- Blue (48%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (43%)



- Cyan (43%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 7.721, 61.286 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, 7.721, 61.286 by changing the saturation by 10% instead.

 56, 7.721, 61.286  56, 7.721, 61.286

 100, 7.721, 61.286  46, 7.721, 61.286

 76, 7.721, 61.286  36, 7.721, 61.286


 86, 7.721, 61.286  26, 7.721, 61.286

 96, 7.721, 61.286  16, 7.721, 61.286

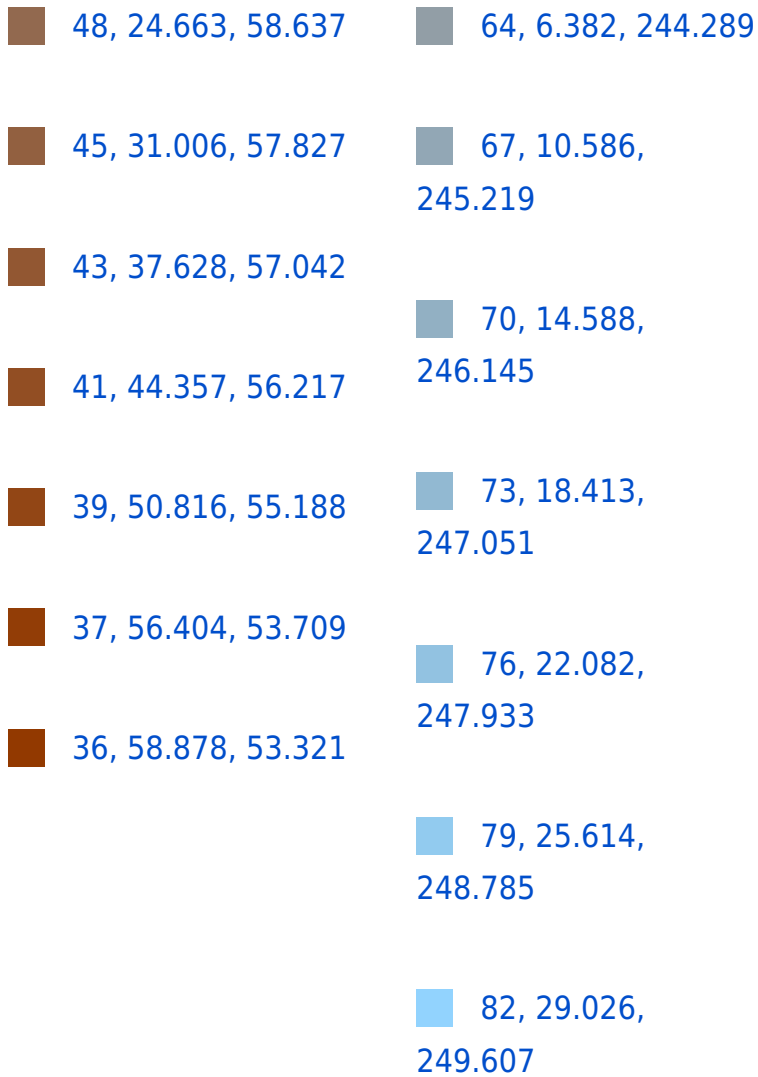
 6, 7.721, 61.286

 0, 7.721, 61.286

 56, 7.721, 61.286  56, 7.721, 61.286

 53, 13.020, 60.384  59, 2.741, 62.174

 51, 18.663, 59.490  62, 1.950, 243.452



Harmonies

Complementary

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



56, 7.721, 61.286



56, 7.225, 244.680

Rectangle

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



56, 7.721, 61.286



56, 7.721, 111.286



56, 7.721, 241.286



56, 7.721, 291.286

Sweetspot

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



56, 7.721, 61.301



75, 2.921, 62.221



54, 12.233, 339.006



39, 1.991, 62.178



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



56, 7.721, 61.301



70, 11.612, 60.969



59, 11.481, 103.344



30, 2.741, 61.893



34, 56.421, 53.519



1, 2.341, 62.853

Inverse Universe

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



56, 7.225, 244.680



70, 10.683, 245.157



53, 11.781, 286.794



30, 2.644, 243.911



34, 35.961, 269.819



1, 2.341, 242.870

Previews

White Background



This preview shows how the CIELCh color 56, 7.721, 61.286 looks on a white background.

Color Contrast Check

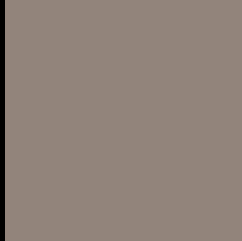
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.721, 61.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

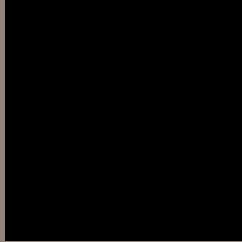
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 7.721, 61.286

Background



This preview shows how black text looks on a background with the CIELCh color 56, 7.721, 61.286.



This preview shows how white text looks on a background with the CIELCh color 56, 7.721, 61.286.

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, 7.721, 61.286

Protanopia

56, 6.042, 89.798

Deuteranopia

56, 9.582, 44.664



Tritanopia
56, 9.453, 343.260

Trichromacy



Original Color
56, 7.721, 61.286

Protanomaly
56, 6.074, 77.036

Deuteranomaly
56, 8.736, 51.338

Tritanomaly
56, 7.032, 6.056

Monochromacy



Original Color
56, 7.721, 61.286

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 2.615, 60.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 7.721, 61.286 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(146, 132, 123)` looks like.

```
.text, #text, p{  
    color:rgb(146, 132, 123)  
}
```

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(146, 132, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 132, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 7.721, 61.286 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(146, 132, 123) }
```

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

```
.border{ border-color:rgb(146, 132, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 132, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 132, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 132, 123);  
box-shadow:4px 4px 4px 4px rgb(146, 132,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 7.721, 61.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 132, 123) }
```

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

```
.background{ background-color: rgb(146,  
132, 123) }
```

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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