

Converting Colors

CIELCh(58, 7.626, 56.206)

Have a look what the booklet for
CIELCh(58, 7.626, 56.206) contains.

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Color

CIELCh(58, 7.614, 56.213)

Conversions

Conversions Part 1

Format	Color
Hex	988981
RGB	152, 137, 129
RGB Percent	60%, 54%, 51%
CMY	0.4058, 0.4646, 0.4959
CMYK	0.00, 0.10, 0.15, 0.41
HSL	21°, 10%, 55%
HSV	21°, 15%, 59%
XYZ	25.6709, 25.9610, 24.2663
YIQ	140.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

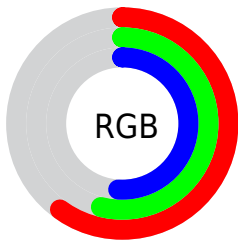
Format	Color
R_{YB}	152, 141, 129
Decimal	9996673
CIE _{Lab}	58.00, 4.23, 6.33
CIE _{LCh}	58, 7.614, 56.213
Yxy	25.9610, 0.3382, 0.3421
Android (android.graphics.Color)	4288186753 (0xFF988981)
YUV	140.5730, -5.7055, 10.0215
Hunter-Lab	50.9519, 0.7671, 7.4290

Details

The CIELCh color $58, 7.614, 56.213$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 7.075, 239.050$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 7.427, 54.721$, and $38, 7.612, 54.166$ is the 20% darker color. If you saturate the color by 10%, you get $55, 13.081, 55.481$, and if you desaturate by 10%, it is $61, 2.506, 56.932$.

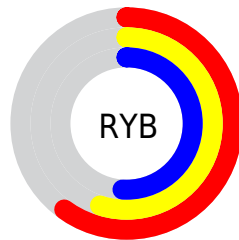
Distribution



Red (60%)

Green (54%)

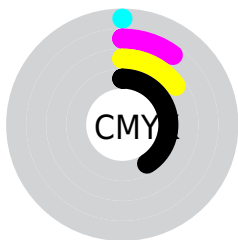
Blue (51%)



Red (60%)

Yellow (55%)

Blue (51%)

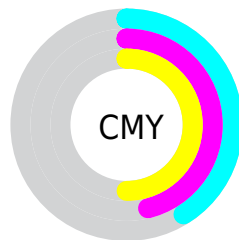


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (41%)



Cyan (41%)

Magenta (46%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 7.614, 56.213 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 58, 7.614, 56.213 by changing the saturation by 10% instead.

 58, 7.614, 56.213  58, 7.614, 56.213

 100, 7.614, 56.213  48, 7.614, 56.213

 78, 7.614, 56.213  38, 7.614, 56.213

 88, 7.614, 56.213  28, 7.614, 56.213

 98, 7.614, 56.213  18, 7.614, 56.213

 8, 7.614, 56.213

 0, 7.614, 56.213

 58, 7.614, 56.213  58, 7.614, 56.213

 55, 13.081, 55.481  61, 2.506, 56.932

 52, 18.937, 54.777  64, 2.277, 238.092

49, 25.200, 54.139

67, 6.770, 238.823

46, 31.863, 53.576

70, 11.008,
239.647

44, 38.868, 53.078

74, 15.020,
240.476

41, 46.051, 52.584

39, 53.037, 51.932

77, 18.835,
241.294

37, 59.128, 50.811

80, 22.477,
242.096

36, 62.114, 50.512

83, 25.967,
242.877

86, 26.593,
234.162

Harmonies

Complementary

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



58, 7.614, 56.213



59, 7.075, 239.050

Rectangle

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



58, 7.614, 56.213



58, 7.614, 106.213



58, 7.614, 236.213



58, 7.614, 286.213

Sweetspot

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



58, 7.614, 56.228



77, 2.994, 56.936



56, 12.571, 336.705



41, 2.064, 56.901



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 7.614, 56.228



72, 11.284, 55.987



61, 10.828, 100.682



31, 2.802, 56.670



34, 58.530, 50.740



2, 2.946, 56.784

Inverse Universe

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



59, 7.075, 239.050



73, 10.307, 239.417



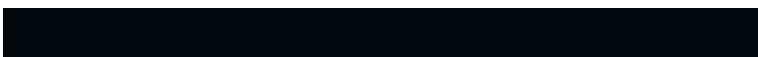
56, 11.048, 284.143



31, 2.686, 238.448



37, 33.634, 263.255



2, 2.953, 238.878

Previews

White Background



This preview shows how the CIELCh color 58, 7.614, 56.213 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 58, 7.614, 56.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

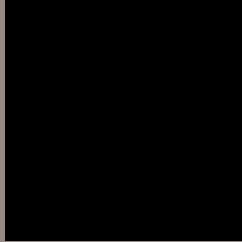
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 7.614, 56.213

Background



This preview shows how black text looks on a background with the CIELCh color 58, 7.614, 56.213.



This preview shows how white text looks on a background with the CIELCh color 58, 7.614, 56.213.

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

58, 7.614, 56.213

Protanopia

58, 5.468, 87.956

Deuteranopia

58, 9.649, 40.717



Tritanopia
58, 10.040, 342.045

Trichromacy



Original Color
58, 7.614, 56.213

Protanomaly
58, 6.260, 73.921

Deuteranomaly
58, 8.735, 46.909

Tritanomaly
58, 7.511, 2.621

Monochromacy



Original Color
58, 7.614, 56.213

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 2.597, 60.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 7.614, 56.213 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(152, 137, 129)` looks like.

```
.text, #text, p{  
    color:rgb(152, 137, 129)  
}
```

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(152, 137, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 137, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 7.614, 56.213 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(152, 137, 129) }
```

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

```
.border{ border-color:rgb(152, 137, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 137, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 137, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 137, 129);  
box-shadow:4px 4px 4px 4px rgb(152, 137,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 7.614, 56.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 137, 129) }
```

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

```
.background{ background-color: rgb(152,  
137, 129) }
```

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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