

Converting Colors

CIELCh(58, 2.607, 65.569)

Have a look what the booklet for
CIELCh(58, 2.607, 65.569) contains.

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Color

CIELCh(58, 2.753, 74.659)

Conversions

Conversions Part 1

Format	Color
Hex	8F8B87
RGB	143, 139, 135
RGB Percent	56%, 55%, 53%
CMY	0.4401, 0.4558, 0.4715
CMYK	0.00, 0.03, 0.06, 0.44
HSL	30°, 3%, 54%
HSV	30°, 6%, 56%
XYZ	24.8446, 25.9610, 26.5390
YIQ	139.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

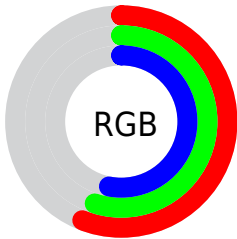
Format	Color
R_{YB}	143, 143, 135
Decimal	9407367
CIE _{Lab}	58.00, 0.73, 2.65
CIE _{LCh}	58, 2.753, 74.659
Yxy	25.9610, 0.3212, 0.3357
Android (android.graphics.Color)	4287597447 (0xFF8F8B87)
YUV	139.7400, -2.3368, 2.8590
Hunter-Lab	50.9519, -2.1279, 4.7844

Details

The CIELCh color $[58, 2.753, 74.659]$ is a dark color, and the websafe version is hex `999999`. A complement of this color would be $[58, 2.727, 256.243]$, and the grayscale version is $[58, 0.007, 296.813]$.

A 20% lighter version of the original color is $[78, 2.817, 68.519]$, and $[38, 2.991, 74.382]$ is the 20% darker color. If you saturate the color by 10%, you get $[56, 7.849, 73.568]$, and if you desaturate by 10%, it is $[60, 2.126, 256.103]$.

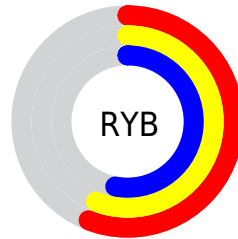
Distribution



Red (56%)

Green (55%)

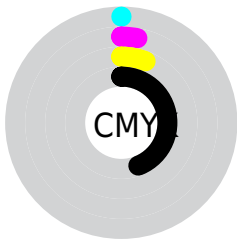
Blue (53%)



Red (56%)

Yellow (56%)

Blue (53%)

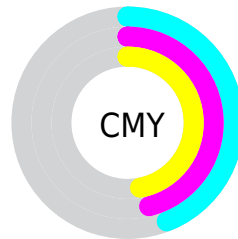


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (44%)



Cyan (44%)

Magenta (46%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 2.753, 74.659 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, 2.753, 74.659 by changing the saturation by 10% instead.

■ 58, 2.753, 74.659

■ 58, 2.753, 74.659

■ 100, 2.753, 74.659

■ 48, 2.753, 74.659

■ 78, 2.753, 74.659

■ 38, 2.753, 74.659

■ 88, 2.753, 74.659

■ 28, 2.753, 74.659

■ 98, 2.753, 74.659

■ 18, 2.753, 74.659

■ 8, 2.753, 74.659

■ 0, 2.753, 74.659

■ 58, 2.753, 74.659

■ 58, 2.753, 74.659

■ 56, 7.849, 73.568

■ 60, 2.126, 256.103

■ 53, 13.179, 72.370

■ 63, 6.811, 257.149

51, 18.755, 71.151

65, 11.321,
258.235

49, 24.573, 69.921

68, 15.675,
259.291

47, 30.601, 68.673

45, 36.749, 67.385

70, 19.891,
260.308

43, 42.820, 65.989

72, 23.985,
261.283

41, 48.423, 64.342

39, 53.016, 62.240

75, 27.970,
262.214

77, 31.860,
263.103

79, 32.110,
259.196

Harmonies

Complementary

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



58, 2.753, 74.659



58, 2.727, 256.243

Rectangle

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



58, 2.753, 74.659



58, 2.753, 124.659



58, 2.753, 254.659



58, 2.753, 304.659

Sweetspot

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



58, 2.754, 74.695



75, 1.207, 74.930



57, 3.903, 344.016



40, 0.691, 74.925



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 2.754, 74.695



74, 4.288, 74.534



59, 4.510, 109.647



29, 2.230, 74.513



36, 52.911, 61.669



1, 1.860, 75.451

Inverse Universe

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



58, 2.727, 256.243



73, 4.227, 256.420



56, 4.577, 290.730



29, 2.197, 256.443



29, 43.959, 282.835



1, 1.861, 255.464

Previews

White Background



This preview shows how the CIELCh color 58, 2.753, 74.659 looks on a white background.

Color Contrast Check

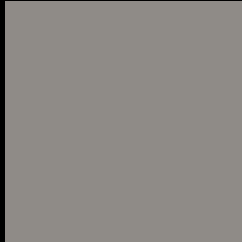
Large Text (above 18pt) WCAG AA ✓ Pass

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, 2.753, 74.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

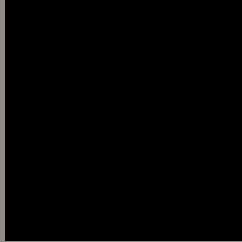
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

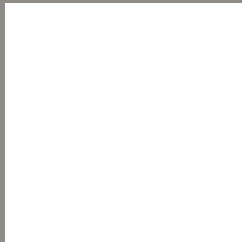
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 2.753, 74.659

Background



This preview shows how black text looks on a background with the CIELCh color 58, 2.753, 74.659.



This preview shows how white text looks on a background with the CIELCh color 58, 2.753, 74.659.

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, 2.753, 74.659

Protanopia

58, 2.753, 74.659

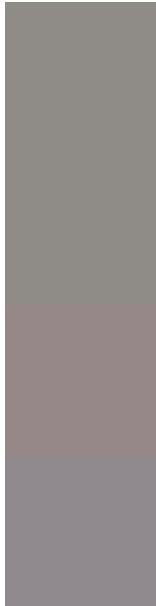
Deuteranopia

58, 7.640, 15.911



Tritanopia
58, 7.009, 316.873

Trichromacy



Original Color
58, 2.753, 74.659

Protanomaly
58, 2.753, 74.659

Deuteranomaly
58, 5.590, 19.903

Tritanomaly
58, 3.702, 329.571

Monochromacy



Original Color
58, 2.753, 74.659

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 1.189, 90.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 2.753, 74.659 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(143, 139, 135)` looks like.

```
.text, #text, p{  
    color:rgb(143, 139, 135)  
}
```

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(143, 139, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 139, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 2.753, 74.659 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(143, 139, 135) }
```

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

```
.border{ border-color:rgb(143, 139, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 139, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 139, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 139, 135);  
box-shadow:4px 4px 4px 4px rgb(143, 139,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 2.753, 74.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 139, 135) }
```

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

```
.background{ background-color: rgb(143,  
139, 135) }
```

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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