

Converting Colors

CIELCh(59, 8.966, 27.444)

Have a look what the booklet for
CIELCh(59, 8.966, 27.444) contains.

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Color

CIELCh(59, 8.966, 27.444)

Conversions

Conversions Part 1

Format	Color
Hex	9F8987
RGB	159, 137, 135
RGB Percent	62%, 54%, 53%
CMY	0.3763, 0.4626, 0.4704
CMYK	0.00, 0.14, 0.15, 0.38
HSL	5°, 11%, 58%
HSV	5°, 15%, 62%
XYZ	27.6330, 27.0277, 26.6965
YIQ	143.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

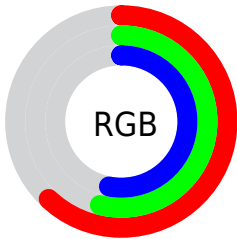
Format	Color
R_{YB}	159, 137, 135
Decimal	10455431
CIE _{Lab}	59.00, 7.96, 4.13
CIE _{LCh}	59, 8.966, 27.444
Yxy	27.0277, 0.3397, 0.3322
Android (android.graphics.Color)	4288645511 (0xFF9F8987)
YUV	143.3500, -4.1165, 13.7251
Hunter-Lab	51.9882, 3.8978, 5.9457

Details

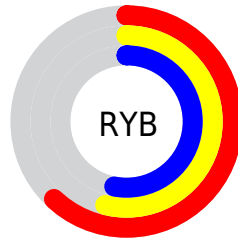
The CIELCh color $59, 8.966, 27.444$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.129, 206.694$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 9.144, 26.722$, and $39, 8.938, 28.377$ is the 20% darker color. If you saturate the color by 10%, you get $55, 15.519, 28.032$, and if you desaturate by 10%, it is $63, 2.905, 26.955$.

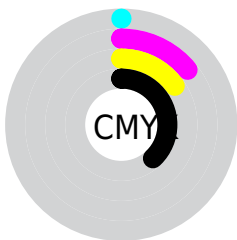
Distribution



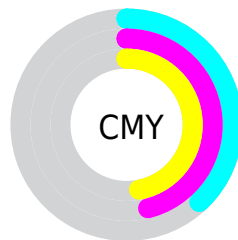
- Red (62%)
- Green (54%)
- Blue (53%)



- Red (62%)
- Yellow (54%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (38%)




- Cyan (38%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 8.966, 27.444 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 59, 8.966, 27.444 by changing the saturation by 10% instead.

 59, 8.966, 27.444  59, 8.966, 27.444

 100, 8.966, 27.444  49, 8.966, 27.444



 79, 8.966, 27.444  39, 8.966, 27.444

 89, 8.966, 27.444  29, 8.966, 27.444

 99, 8.966, 27.444  19, 8.966, 27.444

 9, 8.966, 27.444

 0, 8.966, 27.444

 59, 8.966, 27.444  59, 8.966, 27.444

 55, 15.519, 28.032  63, 2.905, 26.955

 51, 22.581, 28.810  68, 2.693, 207.024

47, 30.133, 29.859

72, 7.871, 206.736

43, 38.105, 31.250

76, 12.674,
206.610

40, 46.364, 33.040

81, 17.145,
206.549

37, 54.669, 35.229

35, 62.581, 37.640

85, 21.323,
206.533

34, 69.191, 39.738

90, 25.246,
206.548

33, 71.994, 40.871

94, 29.199,
198.988

94, 29.637,
197.592

Harmonies

Complementary

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



59, 8.966, 27.444



63, 8.129, 206.694

Rectangle

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



59, 8.966, 27.444



59, 8.966, 77.444



59, 8.966, 207.444



59, 8.966, 257.444

Sweetspot

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



59, 8.965, 27.455



80, 3.530, 26.956



59, 15.509, 327.604



42, 2.434, 26.996



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 8.965, 27.455



73, 13.405, 27.625



62, 8.797, 81.959



31, 3.265, 27.174



30, 65.958, 40.559



1, 4.144, 26.541

Inverse Universe

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



63, 8.129, 206.694



80, 11.880, 206.638



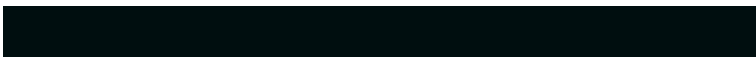
60, 8.636, 265.965



33, 3.080, 206.836



50, 29.436, 210.593



3, 4.064, 208.755

Previews

White Background



This preview shows how the CIE LCh color 59, 8.966, 27.444 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 59, 8.966, 27.444 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 59, 8.966, 27.444

Background



This preview shows how black text looks on a background with the CIELCh color 59, 8.966, 27.444.



This preview shows how white text looks on a background with the CIELCh color 59, 8.966, 27.444.

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

59, 8.966, 27.444

Protanopia

59, 2.991, 68.391

Deuteranopia

59, 8.557, 27.751



Tritanopia
59, 11.636, 348.380

Trichromacy



Original Color
59, 8.966, 27.444

Protanomaly
59, 4.935, 46.879

Deuteranomaly
59, 8.557, 27.751

Tritanomaly
59, 10.116, 0.934

Monochromacy



Original Color
59, 8.966, 27.444

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 3.203, 29.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 8.966, 27.444 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(159, 137, 135)` looks like.

```
.text, #text, p{  
    color:rgb(159, 137, 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(159, 137, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 137, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 8.966, 27.444 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(159, 137, 135) }
```

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

```
.border{ border-color:rgb(159, 137, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 137, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 137, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 137, 135);  
box-shadow:4px 4px 4px 4px rgb(159, 137,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 8.966, 27.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 137, 135) }
```

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

```
.background{ background-color: rgb(159,  
137, 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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