

Converting Colors

CIELCh(59, 16.453, 91.897)

Have a look what the booklet for
CIELCh(59, 16.453, 91.897) contains.

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Color

CIELCh(59, 16.454, 91.904)

Conversions

Conversions Part 1

Format	Color
Hex	988D71
RGB	152, 141, 113
RGB Percent	60%, 55%, 44%
CMY	0.4029, 0.4460, 0.5559
CMYK	0.00, 0.07, 0.26, 0.40
HSL	43°, 16%, 52%
HSV	43°, 26%, 60%
XYZ	25.5590, 27.0277, 19.5683
YIQ	141.0970, 15.5440, -6.3760

Conversions

Conversions Part 2

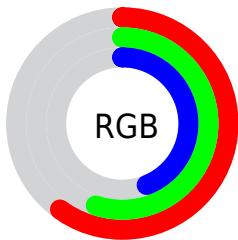
Format	Color
R_{YB}	128, 152, 113
Decimal	9997681
CIE _{Lab}	59.00, -0.55, 16.44
CIE _{LCh}	59, 16.454, 91.904
Yxy	27.0277, 0.3542, 0.3746
Android (android.graphics.Color)	4288187761 (0xFF988D71)
YUV	141.0970, -13.8518, 9.5619
Hunter-Lab	51.9882, -3.2235, 14.0751

Details

The CIELCh color $59, 16.454, 91.904$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 16.604, 278.612$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 16.618, 92.244$, and $39, 16.491, 91.141$ is the 20% darker color. If you saturate the color by 10%, you get $58, 23.011, 90.639$, and if you desaturate by 10%, it is $61, 9.960, 93.142$.

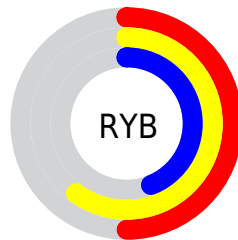
Distribution



Red (60%)

Green (55%)

Blue (44%)



Red (50%)

Yellow (60%)

Blue (44%)

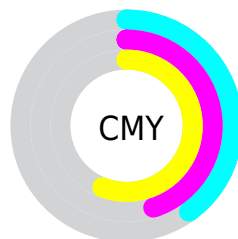


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (40%)



Cyan (40%)

Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 16.454, 91.904 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, 16.454, 91.904 by changing the saturation by 10% instead.

■ 59, 16.454, 91.904

■ 59, 16.454, 91.904

■ 100, 16.454,
91.904

■ 49, 16.454, 91.904

■ 79, 16.454, 91.904

■ 39, 16.454, 91.904

■ 89, 16.454, 91.904

■ 29, 16.454, 91.904

■ 99, 16.454, 91.904

■ 19, 16.454, 91.904

■ 9, 16.454, 91.904

■ 0, 16.454, 91.904

■ 59, 16.454, 91.904

■ 59, 16.454, 91.904

■ 58, 23.011, 90.639

■ 61, 9.960, 93.142

■ 56, 29.576, 89.333

■ 62, 3.552, 94.310

55, 36.048, 87.991

64, 2.758, 275.574

53, 42.248, 86.601

65, 8.969, 276.641

52, 47.866, 85.132

67, 15.082,
277.694

51, 52.431, 83.518

69, 21.103,
278.701

50, 55.439, 81.661

70, 27.037,
279.660

49, 56.624, 80.851

72, 32.890,
280.569

74, 38.665,
281.430

Harmonies

Complementary

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



59, 16.454, 91.904



52, 16.604, 278.612

Rectangle

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



59, 16.454, 91.904



59, 16.454, 141.904



59, 16.454, 271.904



59, 16.454, 321.904

Sweetspot

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



59, 16.455, 91.911



79, 6.301, 94.025



52, 17.162, 359.784



41, 4.472, 93.861



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 16.455, 91.911



74, 24.843, 91.152



61, 21.944, 116.971



32, 3.598, 93.901



45, 53.350, 81.036



3, 3.826, 94.135

Inverse Universe

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



52, 16.604, 278.612



64, 25.139, 279.673



50, 23.159, 300.572



30, 3.616, 276.178



22, 66.194, 298.465



1, 3.896, 275.352

Previews

White Background



This preview shows how the CIELCh color 59, 16.454, 91.904 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 CIELCh color 59, 16.454, 91.904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

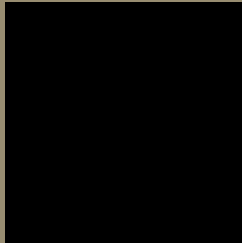
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 16.454, 91.904

Background



This preview shows how black text looks on a background with the CIELCh color 59, 16.454, 91.904.

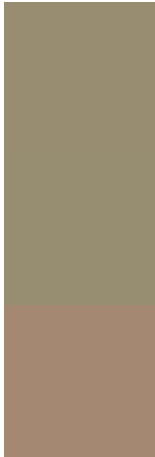


This preview shows how white text looks on a background with the CIELCh color 59, 16.454, 91.904.

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, 16.454, 91.904

Protanopia

59, 16.754, 95.159

Deuteranopia

59, 17.702, 64.300



Tritanopia
59, 9.357, 343.207

Trichromacy



Original Color
59, 16.454, 91.904

Protanomaly
59, 16.754, 95.159

Deuteranomaly
59, 16.558, 74.161

Tritanomaly
59, 6.825, 39.193

Monochromacy



Original Color
59, 16.454, 91.904

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 5.863, 93.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 16.454, 91.904 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, 141, 113)` looks like.

```
.text, #text, p{  
    color:rgb(152, 141, 113)  
}
```

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, 141, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 141, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 16.454, 91.904 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, 141, 113) }
```

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

```
.border{ border-color:rgb(152, 141, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 141, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 141, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 141, 113);  
box-shadow:4px 4px 4px 4px rgb(152, 141,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 16.454, 91.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 141, 113) }
```

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

```
.background{ background-color: rgb(152,  
141, 113) }
```

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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