

Converting Colors

CIELCh(64, 9.757, 27.447)

Have a look what the booklet for
CIELCh(64, 9.757, 27.447) contains.

CIELCh(64, 9.711, 30.072)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 9.711, 30.072)

Conversions

Conversions Part 1

Format	Color
Hex	AE9693
RGB	174, 150, 147
RGB Percent	68%, 59%, 58%
CMY	0.3186, 0.4127, 0.4245
CMYK	0.00, 0.14, 0.16, 0.32
HSL	7°, 14%, 63%
HSV	7°, 16%, 68%
XYZ	33.5125, 32.8017, 32.0672
YIQ	156.8340, 15.2670, 4.1550

Conversions

Conversions Part 2

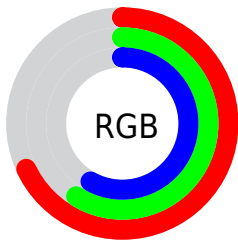
Format	Color
RYB	174, 150, 147
Decimal	11441811
CIELab	64.00, 8.40, 4.87
CIELCh	64, 9.711, 30.072
Yxy	32.8017, 0.3406, 0.3334
Android (android.graphics.Color)	4289631891 (0xFFAE9693)
YUV	156.8340, -4.8482, 15.0546
Hunter-Lab	57.2727, 4.2199, 6.8942

Details

The CIELCh color $64, 9.711, 30.072$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.769, 209.654$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 9.855, 29.233$, and $44, 9.585, 27.670$ is the 20% darker color. If you saturate the color by 10%, you get $60, 16.629, 30.541$, and if you desaturate by 10%, it is $68, 3.321, 29.703$.

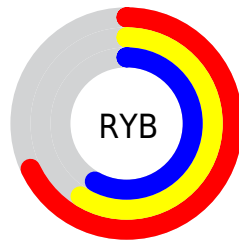
Distribution



Red (68%)

Green (59%)

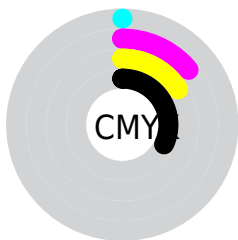
Blue (58%)



Red (68%)

Yellow (59%)

Blue (58%)

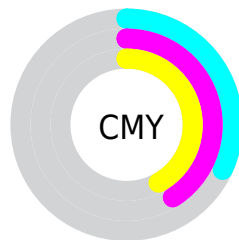


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (32%)



Cyan (32%)

Magenta (41%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 9.711, 30.072 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 64, 9.711, 30.072 by changing the saturation by 10% instead.

 64, 9.711, 30.072  64, 9.711, 30.072


 100, 9.711, 30.072  54, 9.711, 30.072


 84, 9.711, 30.072  44, 9.711, 30.072

 94, 9.711, 30.072  34, 9.711, 30.072

 24, 9.711, 30.072

 14, 9.711, 30.072

 4, 9.711, 30.072

 0, 9.711, 30.072

 64, 9.711, 30.072  64, 9.711, 30.072

 60, 16.629, 30.541  68, 3.321, 29.703

■ 55, 24.098, 31.188

■ 73, 2.575, 209.884

■ 51, 32.107, 32.090

■ 78, 8.026, 209.676

■ 48, 40.593, 33.307

■ 82, 13.078,
209.641

■ 44, 49.422, 34.886

■ 87, 17.780,
209.670

■ 41, 58.337, 36.806

■ 39, 66.831, 38.871

■ 92, 22.172,
209.738

■ 37, 73.835, 40.509

■ 95, 25.732,
197.831

■ 37, 76.652, 41.425

Harmonies

Complementary

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



64, 9.711, 30.072



68, 8.769, 209.654

Rectangle

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



64, 9.711, 30.072



64, 9.711, 80.072



64, 9.711, 210.072



64, 9.711, 260.072

Sweetspot

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



64, 9.710, 30.083



87, 3.721, 29.680



64, 16.967, 328.145



46, 2.567, 29.715



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 9.710, 30.083



80, 14.990, 30.240



67, 9.879, 83.438



34, 3.444, 29.856



32, 68.385, 41.274



2, 7.154, 27.675

Inverse Universe

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



68, 8.769, 209.654



86, 13.173, 209.641



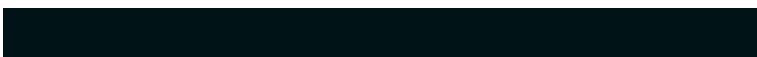
65, 9.725, 267.590



36, 3.246, 209.724



51, 29.909, 216.113



5, 6.787, 214.712

Previews

White Background



This preview shows how the CIELCh color 64, 9.711, 30.072 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64, 9.711, 30.072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

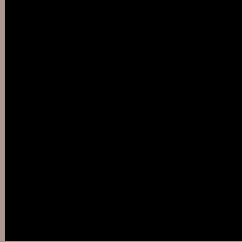
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 9.711, 30.072

Background



This preview shows how black text looks on a background with the CIELCh color 64, 9.711, 30.072.



This preview shows how white text looks on a background with the CIELCh color 64, 9.711, 30.072.

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

64, 9.711, 30.072

Protanopia

64, 3.665, 84.579

Deuteranopia

64, 9.310, 30.465



Tritanopia
64, 12.121, 350.352

Trichromacy



Original Color
64, 9.711, 30.072

Protanomaly
64, 5.134, 52.354

Deuteranomaly
64, 9.310, 30.465

Tritanomaly
64, 10.699, 2.340

Monochromacy



Original Color
64, 9.711, 30.072

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 3.536, 28.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 9.711, 30.072 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(174, 150, 147)` looks like.

```
.text, #text, p{  
    color:rgb(174, 150, 147)  
}
```

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(174, 150, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 150, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 9.711, 30.072 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(174, 150, 147) }
```

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

```
.border{ border-color:rgb(174, 150, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 150, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 150, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 150, 147);  
box-shadow:4px 4px 4px 4px rgb(174, 150,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 9.711, 30.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 150, 147) }
```

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

```
.background{ background-color: rgb(174,  
150, 147) }
```

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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