

Converting Colors

CIELCh(64, 12.124, 86.739)

Have a look what the booklet for
CIELCh(64, 12.124, 86.739) contains.

CIELCh(64, 11.971, 87.004)	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, 11.971, 87.004)

Conversions

Conversions Part 1

Format	Color
Hex	A59A86
RGB	165, 154, 134
RGB Percent	65%, 60%, 53%
CMY	0.3532, 0.3963, 0.4748
CMYK	0.00, 0.07, 0.19, 0.35
HSL	39°, 15%, 59%
HSV	39°, 19%, 65%
XYZ	31.3470, 32.8017, 27.2106
YIQ	155.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

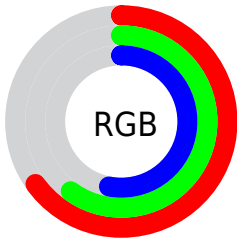
Format	Color
RYB	151, 165, 134
Decimal	10852998
CIELab	64.00, 0.63, 11.95
CIELCh	64, 11.971, 87.004
Yxy	32.8017, 0.3431, 0.3590
Android (android.graphics.Color)	4289043078 (0xFFA59A86)
YUV	155.0090, -10.3574, 8.7621
Hunter-Lab	57.2727, -2.5291, 11.9219

Details

The CIELCh color $64, 11.971, 87.004$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $60, 11.869, 272.010$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 11.931, 86.699$, and $44, 12.185, 87.071$ is the 20% darker color. If you saturate the color by 10%, you get $62, 18.558, 85.712$, and if you desaturate by 10%, it is $66, 5.532, 88.259$.

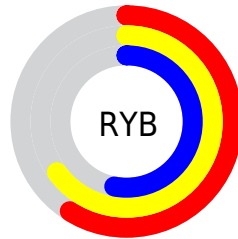
Distribution



Red (65%)

Green (60%)

Blue (53%)



Red (59%)

Yellow (65%)

Blue (53%)

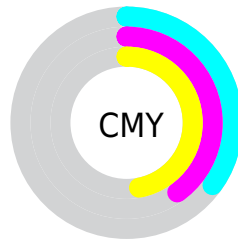


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 11.971, 87.004 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, 11.971, 87.004 by changing the saturation by 10% instead.

■ 64, 11.971, 87.004

■ 64, 11.971, 87.004

■ 100, 11.971,
87.004

■ 54, 11.971, 87.004

■ 84, 11.971, 87.004

■ 44, 11.971, 87.004

■ 94, 11.971, 87.004

■ 34, 11.971, 87.004

■ 24, 11.971, 87.004

■ 14, 11.971, 87.004

■ 4, 11.971, 87.004

■ 0, 11.971, 87.004

■ 64, 11.971, 87.004

■ 64, 11.971, 87.004

■ 62, 18.558, 85.712

■ 66, 5.532, 88.259

60, 25.268, 84.370

68, 0.759, 269.816

58, 32.053, 82.987

70, 6.905, 270.732

57, 38.803, 81.554

72, 12.916,
271.844

55, 45.313, 80.040

74, 18.801,
272.915

53, 51.213, 78.381

52, 55.924, 76.449

76, 24.572,
273.937

50, 59.138, 74.168

78, 30.238,
274.908

50, 59.538, 73.907

80, 30.466,
271.585

82, 28.188,
265.344

Harmonies

Complementary

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



64, 11.971, 87.004



60, 11.869, 272.010

Rectangle

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



64, 11.971, 87.004



64, 11.971, 137.004



64, 11.971, 267.004



64, 11.971, 317.004

Sweetspot

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



64, 11.972, 87.013



84, 4.652, 88.574



59, 13.817, 353.295



44, 3.083, 88.504



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 11.972, 87.013



80, 18.225, 86.417



67, 17.079, 113.993



34, 3.530, 88.203



44, 54.267, 74.253



3, 5.157, 84.281

Inverse Universe

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



60, 11.869, 272.010



74, 18.021, 272.775



57, 17.798, 297.011



32, 3.522, 270.610



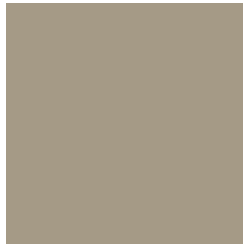
25, 60.904, 294.618



2, 5.650, 272.076

Previews

White Background



This preview shows how the CIELCh color 64, 11.971, 87.004 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 CIELCh color 64, 11.971, 87.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

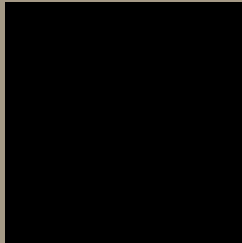
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 11.971, 87.004

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.971, 87.004.



This preview shows how white text looks on a background with the CIELCh color 64, 11.971, 87.004.

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, 11.971, 87.004

Protanopia

64, 12.086, 93.315

Deuteranopia

64, 13.957, 53.889



Tritanopia
64, 9.908, 337.973

Trichromacy



Original Color
64, 11.971, 87.004

Protanomaly
64, 12.203, 91.463

Deuteranomaly
64, 12.702, 64.074

Tritanomaly
64, 6.680, 15.219

Monochromacy



Original Color
64, 11.971, 87.004

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.698, 90.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.971, 87.004 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(165, 154, 134)` looks like.

```
.text, #text, p{  
    color:rgb(165, 154, 134)  
}
```

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(165, 154, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 154, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.971, 87.004 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(165, 154, 134) }
```

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

```
.border{ border-color:rgb(165, 154, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 154, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 154, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 154, 134);  
box-shadow:4px 4px 4px 4px rgb(165, 154,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.971, 87.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 154, 134) }
```

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

```
.background{ background-color: rgb(165,  
154, 134) }
```

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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