

Converting Colors

CIELCh(64, 12.025, 47.827)

Have a look what the booklet for
CIELCh(64, 12.025, 47.827) contains.

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Color

CIELCh(64, 11.961, 47.729)

Conversions

Conversions Part 1

Format	Color
Hex	B0968C
RGB	176, 150, 140
RGB Percent	69%, 59%, 55%
CMY	0.3110, 0.4129, 0.4521
CMYK	0.00, 0.15, 0.20, 0.31
HSL	17°, 18%, 62%
HSV	17°, 20%, 69%
XYZ	33.4106, 32.8017, 29.2718
YIQ	156.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

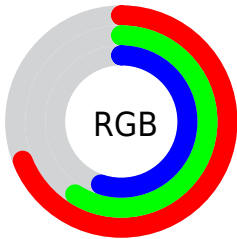
Format	Color
RYB	176, 154, 140
Decimal	11572876
CIELab	64.00, 8.05, 8.85
CIElCh	64, 11.961, 47.729
Yxy	32.8017, 0.3499, 0.3435
Android (android.graphics.Color)	4289762956 (0xFFB0968C)
YUV	156.6340, -8.2006, 16.9840
Hunter-Lab	57.2727, 3.9022, 9.7881

Details

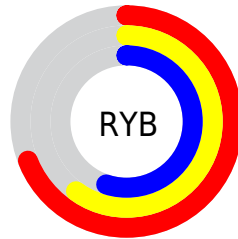
The CIELCh color $64, 11.961, 47.729$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $66, 10.594, 230.403$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 11.870, 46.211$, and $44, 11.982, 46.950$ is the 20% darker color. If you saturate the color by 10%, you get $60, 18.513, 47.361$, and if you desaturate by 10%, it is $68, 5.889, 48.178$.

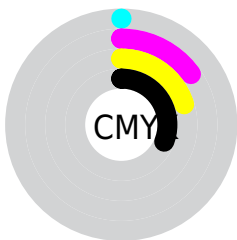
Distribution



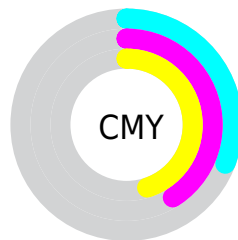
- Red (69%)
- Green (59%)
- Blue (55%)



- Red (69%)
- Yellow (60%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (31%)



- Cyan (31%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 11.961, 47.729 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, 11.961, 47.729 by changing the saturation by 10% instead.

■ 64, 11.961, 47.729

■ 64, 11.961, 47.729

■ 100, 11.961,
47.729

■ 54, 11.961, 47.729

■ 84, 11.961, 47.729

■ 44, 11.961, 47.729

■ 94, 11.961, 47.729

■ 34, 11.961, 47.729

■ 24, 11.961, 47.729

■ 14, 11.961, 47.729

■ 4, 11.961, 47.729

■ 0, 11.961, 47.729

■ 64, 11.961, 47.729

■ 64, 11.961, 47.729

■ 60, 18.513, 47.361

■ 68, 5.889, 48.178

57, 25.578, 47.086

72, 0.257, 46.980

53, 33.163, 46.939

75, 4.980, 229.482

50, 41.230, 46.932

79, 9.866, 230.051

47, 49.653, 47.040

83, 14.443,
230.668

44, 58.117, 47.153

87, 18.750,
231.299

42, 65.925, 46.971

40, 72.241, 46.525

91, 21.360,
222.005

94, 23.990,
202.635

95, 25.191,
197.864

Harmonies

Complementary

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



64, 11.961, 47.729



66, 10.594, 230.403

Rectangle

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



64, 11.961, 47.729



64, 11.961, 97.729



64, 11.961, 227.729



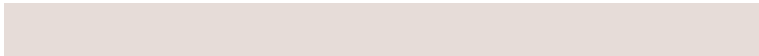
64, 11.961, 277.729

Sweetspot

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



64, 11.960, 47.740



88, 4.119, 48.350



62, 20.126, 334.330



46, 2.736, 48.329



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, 11.960, 47.740



79, 18.497, 47.541



69, 15.452, 95.925



35, 3.133, 48.229



34, 64.108, 46.894



3, 6.526, 42.606

Inverse Universe

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



66, 10.594, 230.403



83, 15.851, 230.905



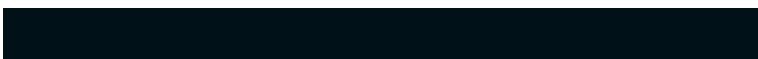
62, 15.711, 281.036



35, 2.976, 229.515



43, 31.771, 251.009



4, 6.415, 239.649

Previews

White Background



This preview shows how the CIELCh color 64, 11.961, 47.729 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, 11.961, 47.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

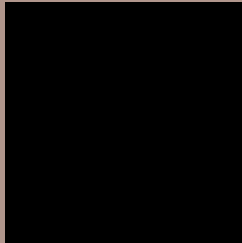
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 11.961, 47.729

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.961, 47.729.



This preview shows how white text looks on a background with the CIELCh color 64, 11.961, 47.729.

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, 11.961, 47.729

Protanopia

64, 7.589, 91.050

Deuteranopia

64, 11.961, 47.729



Tritanopia
64, 13.514, 353.932

Trichromacy



Original Color
64, 11.961, 47.729

Protanomaly
64, 8.463, 71.415

Deuteranomaly
64, 11.961, 47.729

Tritanomaly
64, 11.581, 12.280

Monochromacy



Original Color
64, 11.961, 47.729

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.151, 51.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.961, 47.729 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(176, 150, 140)` looks like.

```
.text, #text, p{  
    color:rgb(176, 150, 140)  
}
```

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(176, 150, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 150, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.961, 47.729 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(176, 150, 140) }
```

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

```
.border{ border-color:rgb(176, 150, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 150, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 150, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 150, 140);  
box-shadow:4px 4px 4px 4px rgb(176, 150,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.961, 47.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 150, 140) }
```

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

```
.background{ background-color: rgb(176,  
150, 140) }
```

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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