

Converting Colors

CIELCh(66, 12.000, 48.629)

Have a look what the booklet for
CIELCh(66, 12.000, 48.629) contains.

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Color

CIELCh(66, 11.874, 47.751)

Conversions

Conversions Part 1

Format	Color
Hex	B59B91
RGB	181, 155, 145
RGB Percent	71%, 61%, 57%
CMY	0.2901, 0.3920, 0.4313
CMYK	0.00, 0.14, 0.20, 0.29
HSL	17°, 20%, 64%
HSV	17°, 20%, 71%
XYZ	35.9011, 35.3238, 31.7249
YIQ	161.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

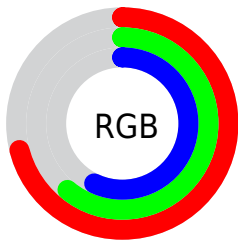
Format	Color
RYB	181, 159, 145
Decimal	11901841
CIELab	66.00, 7.98, 8.79
CIELCh	66, 11.874, 47.751
Yxy	35.3238, 0.3487, 0.3431
Android (android.graphics.Color)	4290091921 (0xFFB59B91)
YUV	161.6340, -8.2006, 16.9840
Hunter-Lab	59.4338, 3.8139, 9.9555

Details

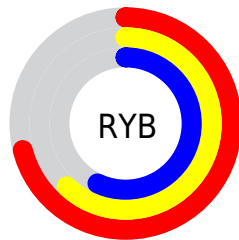
The CIELCh color **66, 11.874, 47.751** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68, 10.555, 230.351**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 11.807, 46.223**, and **46, 11.854, 46.982** is the 20% darker color. If you saturate the color by 10%, you get **62, 18.560, 47.378**, and if you desaturate by 10%, it is **70, 5.679, 48.202**.

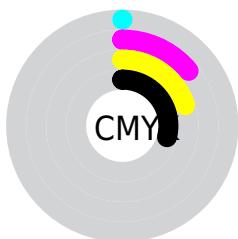
Distribution



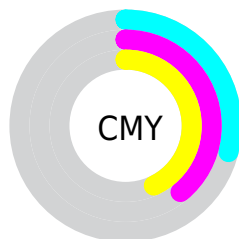
- Red (71%)
- Green (61%)
- Blue (57%)



- Red (71%)
- Yellow (62%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (29%)



- Cyan (29%)
- Magenta (39%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 11.874, 47.751 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 66, 11.874, 47.751 by changing the saturation by 10% instead.

 66, 11.874, 47.751

 66, 11.874, 47.751

 100, 11.874,
47.751

 56, 11.874, 47.751

 86, 11.874, 47.751

 46, 11.874, 47.751

 96, 11.874, 47.751

 36, 11.874, 47.751

 26, 11.874, 47.751

 16, 11.874, 47.751

 6, 11.874, 47.751

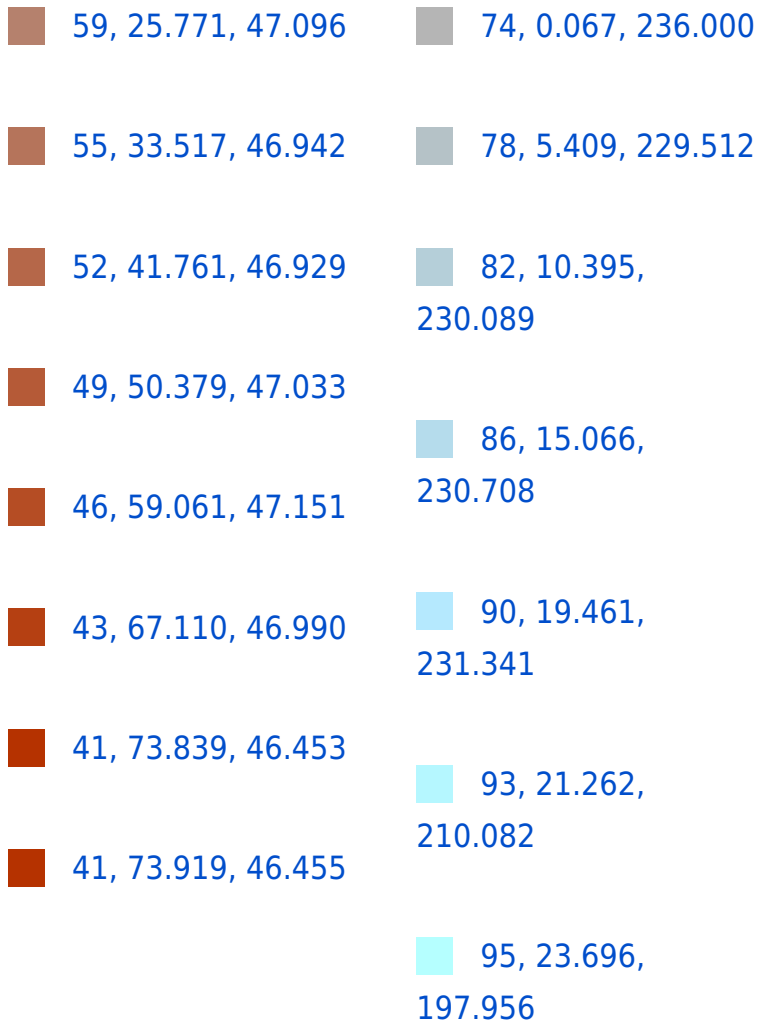
 0, 11.874, 47.751

 66, 11.874, 47.751

 66, 11.874, 47.751

 62, 18.560, 47.378

 70, 5.679, 48.202



Harmonies

Complementary

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



66, 11.874, 47.751



68, 10.555, 230.351

Rectangle

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



66, 11.874, 47.751



66, 11.874, 97.751



66, 11.874, 227.751



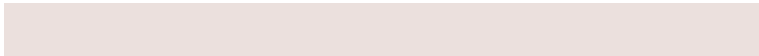
66, 11.874, 277.751

Sweetspot

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



66, 11.873, 47.762



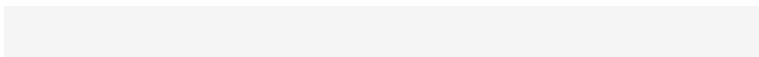
90, 4.193, 48.349



64, 20.018, 334.291



47, 2.786, 48.328



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 11.873, 47.762



81, 18.006, 47.578



71, 15.369, 95.991



36, 3.209, 48.227



35, 64.957, 46.864



3, 7.702, 41.177

Inverse Universe

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



68, 10.555, 230.351



85, 15.534, 230.798



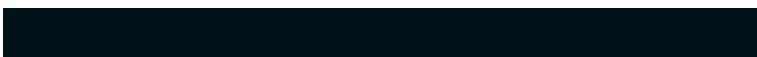
64, 15.619, 280.952



36, 3.048, 229.517



44, 32.181, 251.085



5, 7.533, 241.109

Previews

White Background



This preview shows how the CIELCh color 66, 11.874, 47.751 looks on a white background.

Color Contrast Check

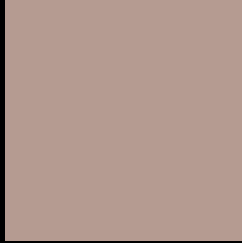
Large Text (above 18pt) WCAG AA × Fail

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 66, 11.874, 47.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

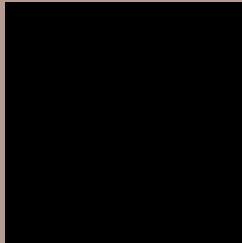
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 11.874, 47.751

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.874, 47.751.



This preview shows how white text looks on a background with the CIELCh color 66, 11.874, 47.751.

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

66, 11.874, 47.751

Protanopia

66, 7.020, 89.772

Deuteranopia

66, 12.242, 46.881



Tritanopia
66, 13.673, 351.792

Trichromacy



Original Color
66, 11.874, 47.751

Protanomaly
66, 7.971, 69.132

Deuteranomaly
66, 12.242, 46.881

Tritanomaly
66, 11.572, 9.531

Monochromacy



Original Color
66, 11.874, 47.751

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 4.211, 42.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.874, 47.751 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(181, 155, 145)` looks like.

```
.text, #text, p{  
    color:rgb(181, 155, 145)  
}
```

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(181, 155, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 155, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.874, 47.751 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(181, 155, 145) }
```

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

```
.border{ border-color:rgb(181, 155, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 155, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 155, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 155, 145);  
box-shadow:4px 4px 4px 4px rgb(181, 155,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.874, 47.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 155, 145) }
```

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

```
.background{ background-color: rgb(181,  
155, 145) }
```

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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