

Converting Colors

CIELCh(61, 8.760, 12.804)

Have a look what the booklet for
CIELCh(61, 8.760, 12.804) contains.

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Color

CIELCh(61, 8.809, 12.961)

Conversions

Conversions Part 1

Format	Color
Hex	A48E90
RGB	164, 142, 144
RGB Percent	64%, 56%, 56%
CMY	0.3569, 0.4432, 0.4353
CMYK	0.00, 0.13, 0.12, 0.36
HSL	355°, 11%, 60%
HSV	355°, 13%, 64%
XYZ	30.0129, 29.2481, 30.4455
YIQ	148.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

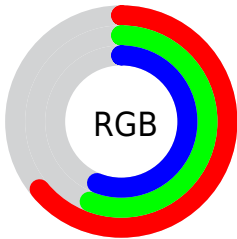
Format	Color
R_{YB}	164, 142, 144
Decimal	10784400
CIE Lab	61.00, 8.58, 1.98
CIE LCh	61, 8.809, 12.961
Yxy	29.2481, 0.3346, 0.3260
Android (android.graphics.Color)	4288974480 (0xFFA48E90)
YUV	148.8060, -2.3694, 13.3251
Hunter-Lab	54.0815, 4.4169, 4.4795

Details

The CIELCh color $61, 8.809, 12.961$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 8.214, 190.963$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 8.645, 13.014$, and $41, 8.697, 12.631$ is the 20% darker color. If you saturate the color by 10%, you get $56, 15.875, 14.043$, and if you desaturate by 10%, it is $66, 2.169, 11.949$.

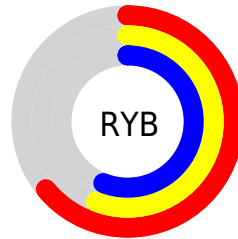
Distribution



Red (64%)

Green (56%)

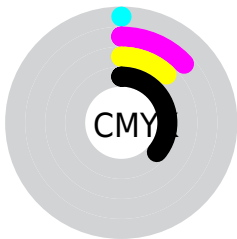
Blue (56%)



Red (64%)

Yellow (56%)

Blue (56%)

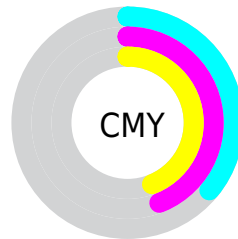


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 8.809, 12.961 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 61, 8.809, 12.961 by changing the saturation by 10% instead.

 61, 8.809, 12.961  61, 8.809, 12.961

 100, 8.809, 12.961  51, 8.809, 12.961

 81, 8.809, 12.961  41, 8.809, 12.961

 91, 8.809, 12.961  31, 8.809, 12.961

 21, 8.809, 12.961

 11, 8.809, 12.961

 1, 8.809, 12.961

 0, 8.809, 12.961

 61, 8.809, 12.961  61, 8.809, 12.961

 56, 15.875, 14.043  66, 2.169, 11.949

52, 23.341, 15.352

71, 4.043, 191.560

48, 31.123, 16.990

75, 9.852, 190.886

44, 39.071, 19.065

80, 15.293,
190.350

41, 46.964, 21.700

85, 20.400,
189.891

38, 54.544, 25.003

36, 61.556, 28.980

90, 25.211,
189.491

34, 67.726, 33.368

94, 29.048,
190.802

34, 71.319, 35.904

95, 28.354,
197.670

Harmonies

Complementary

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



61, 8.809, 12.961



66, 8.214, 190.963

Rectangle

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



61, 8.809, 12.961



61, 8.809, 62.961



61, 8.809, 192.961



61, 8.809, 242.961

Sweetspot

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



61, 8.807, 12.971



83, 3.166, 12.036



61, 14.510, 322.340



44, 2.251, 12.121



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 8.807, 12.971



76, 13.181, 13.262



63, 7.193, 62.508



32, 3.650, 12.569



30, 64.922, 35.432



1, 5.511, 12.596

Inverse Universe

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



61, 8.807, 12.971



76, 13.181, 13.262



63, 6.813, 245.471



32, 3.650, 12.569



30, 64.922, 35.432



1, 5.511, 12.596

Previews

White Background



This preview shows how the CIELCh color 61, 8.809, 12.961 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 CIE LCh color 61, 8.809, 12.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

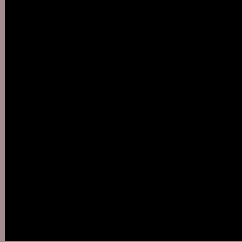
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 8.809, 12.961

Background



This preview shows how black text looks on a background with the CIELCh color 61, 8.809, 12.961.



This preview shows how white text looks on a background with the CIELCh color 61, 8.809, 12.961.

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

61, 8.809, 12.961

Protanopia

61, 1.165, 19.140

Deuteranopia

61, 8.408, 12.563



Tritanopia
61, 11.221, 347.199

Trichromacy



Original Color
61, 8.809, 12.961

Protanomaly
61, 3.961, 11.551

Deuteranomaly
61, 8.408, 12.563

Tritanomaly
61, 10.442, 355.043

Monochromacy



Original Color
61, 8.809, 12.961

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 3.177, 9.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 8.809, 12.961 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(164, 142, 144)` looks like.

```
.text, #text, p{  
    color:rgb(164, 142, 144)  
}
```

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(164, 142, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 142, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 8.809, 12.961 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(164, 142, 144) }
```

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

```
.border{ border-color:rgb(164, 142, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 142, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 142, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 142, 144);  
box-shadow:4px 4px 4px 4px rgb(164, 142,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 8.809, 12.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 142, 144) }
```

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

```
.background{ background-color: rgb(164,  
142, 144) }
```

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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