

Converting Colors

CIELCh(64, 10.961, 5.826)

Have a look what the booklet for
CIELCh(64, 10.961, 5.826) contains.

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Color

CIELCh(64, 10.961, 5.826)

Conversions

Conversions Part 1

Format	Color
Hex	AF9499
RGB	175, 148, 153
RGB Percent	69%, 58%, 60%
CMY	0.3119, 0.4178, 0.3982
CMYK	0.00, 0.15, 0.13, 0.31
HSL	349°, 15%, 64%
HSV	349°, 15%, 69%
XYZ	34.2292, 32.8017, 34.8581
YIQ	156.6430, 14.4870, 7.2790

Conversions

Conversions Part 2

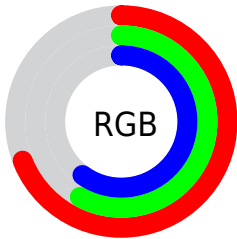
Format	Color
R _Y B	175, 148, 153
Decimal	11506841
CIE Lab	64.00, 10.90, 1.11
CIE LCh	64, 10.961, 5.826
Yxy	32.8017, 0.3359, 0.3219
Android (android.graphics.Color)	4289696921 (0xFFAF9499)
YUV	156.6430, -1.7960, 16.0991
Hunter-Lab	57.2727, 6.4538, 4.0051

Details

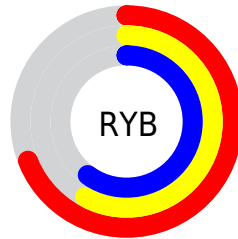
The CIELCh color **64, 10.961, 5.826** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 10.288, 183.093**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 11.058, 6.515**, and **44, 11.008, 5.213** is the 20% darker color. If you saturate the color by 10%, you get **59, 18.537, 7.037**, and if you desaturate by 10%, it is **69, 3.739, 4.752**.

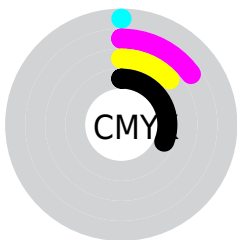
Distribution



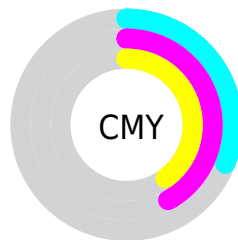
- Red (69%)
- Green (58%)
- Blue (60%)



- Red (69%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (31%)



- Cyan (31%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 10.961, 5.826 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, 10.961, 5.826 by changing the saturation by 10% instead.

 64, 10.961, 5.826

 64, 10.961, 5.826

 100, 10.961, 5.826

 54, 10.961, 5.826

 84, 10.961, 5.826

 44, 10.961, 5.826

 94, 10.961, 5.826

 34, 10.961, 5.826

 24, 10.961, 5.826

 14, 10.961, 5.826

 4, 10.961, 5.826

 0, 10.961, 5.826

 64, 10.961, 5.826

 64, 10.961, 5.826

 59, 18.537, 7.037

 69, 3.739, 4.752

55, 26.403, 8.479

74, 3.097, 184.173

50, 34.422, 10.250

79, 9.555, 183.329

46, 42.381, 12.463

84, 15.652,
182.658

43, 50.001, 15.258

89, 21.419,
182.070

40, 56.984, 18.776

38, 63.125, 23.102

94, 26.884,
181.545

37, 68.397, 28.113

95, 25.367,
196.141

37, 70.761, 30.333

95, 25.259,
197.860

Harmonies

Complementary

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



64, 10.961, 5.826



70, 10.288, 183.093

Rectangle

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



64, 10.961, 5.826



64, 10.961, 55.826



64, 10.961, 185.826



64, 10.961, 235.826

Sweetspot

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



64, 10.959, 5.833



87, 4.269, 4.716



64, 17.133, 319.474



46, 2.941, 4.796



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, 10.959, 5.833



79, 15.916, 6.164



66, 8.759, 50.541



34, 3.927, 5.176



31, 62.776, 29.606



2, 8.010, 7.059

Inverse Universe

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



64, 10.959, 5.833



79, 15.916, 6.164



67, 8.045, 232.842



34, 3.927, 5.176



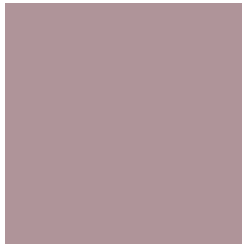
31, 62.776, 29.606



2, 8.010, 7.059

Previews

White Background



This preview shows how the CIELCh color 64, 10.961, 5.826 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, 10.961, 5.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

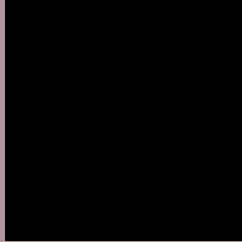
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 10.961, 5.826

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.961, 5.826.



This preview shows how white text looks on a background with the CIELCh color 64, 10.961, 5.826.

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, 10.961, 5.826

Protanopia

64, 2.045, 324.439

Deuteranopia

64, 8.394, 8.751



Tritanopia
64, 12.460, 351.313

Trichromacy



Original Color
64, 10.961, 5.826

Protanomaly
64, 5.159, 354.282

Deuteranomaly
64, 9.673, 7.073

Tritanomaly
64, 11.996, 356.006

Monochromacy



Original Color
64, 10.961, 5.826

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 4.029, 3.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.961, 5.826 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(175, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(175, 148, 153)  
}
```

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(175, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 148, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.961, 5.826 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(175, 148, 153) }
```

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

```
.border{ border-color:rgb(175, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(175, 148,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.961, 5.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 148, 153) }
```

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

```
.background{ background-color: rgb(175,  
148, 153) }
```

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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