

Converting Colors

CIELCh(64, 6.921, 68.858)

Have a look what the booklet for
CIELCh(64, 6.921, 68.858) contains.

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Color

CIELCh(64, 6.907, 65.896)

Conversions

Conversions Part 1

Format	Color
Hex	A59990
RGB	165, 153, 144
RGB Percent	65%, 60%, 56%
CMY	0.3529, 0.3999, 0.4352
CMYK	0.00, 0.07, 0.13, 0.35
HSL	26°, 10%, 61%
HSV	26°, 13%, 65%
XYZ	31.9484, 32.8017, 31.0383
YIQ	155.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

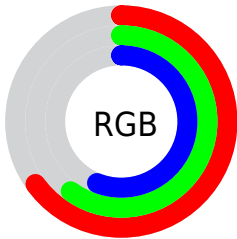
Format	Color
RYB	165, 160, 144
Decimal	10852752
CIELab	64.00, 2.82, 6.30
CIElCh	64, 6.907, 65.896
Yxy	32.8017, 0.3335, 0.3424
Android (android.graphics.Color)	4289042832 (0xFFA59990)
YUV	155.5620, -5.7001, 8.2771
Hunter-Lab	57.2727, -0.6549, 7.9594

Details

The CIELCh color $64, 6.907, 65.896$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 6.601, 248.908$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 6.762, 63.880$, and $44, 6.744, 64.672$ is the 20% darker color. If you saturate the color by 10%, you get $61, 12.698, 64.867$, and if you desaturate by 10%, it is $67, 1.435, 66.784$.

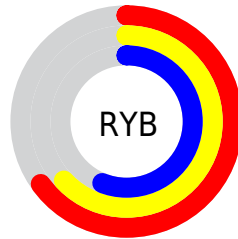
Distribution



Red (65%)

Green (60%)

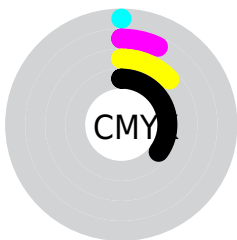
Blue (56%)



Red (65%)

Yellow (63%)

Blue (56%)

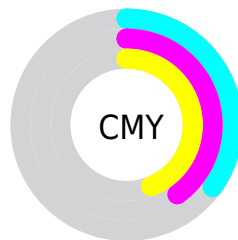


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 6.907, 65.896 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, 6.907, 65.896 by changing the saturation by 10% instead.

 64, 6.907, 65.896  64, 6.907, 65.896

 100, 6.907, 65.896  54, 6.907, 65.896

 84, 6.907, 65.896  44, 6.907, 65.896

 94, 6.907, 65.896  34, 6.907, 65.896

 24, 6.907, 65.896

 14, 6.907, 65.896

 4, 6.907, 65.896

 0, 6.907, 65.896

 64, 6.907, 65.896  64, 6.907, 65.896

 61, 12.698, 64.867  67, 1.435, 66.784

58, 18.834, 63.820

70, 3.749, 248.204

56, 25.328, 62.790

73, 8.676, 249.198

53, 32.171, 61.782

76, 13.376,
250.210

50, 39.300, 60.781

79, 17.876,
251.201

48, 46.546, 59.730

46, 53.542, 58.494

82, 22.200,
252.163

43, 59.584, 56.785

85, 24.690,
249.137

42, 63.484, 55.452

87, 23.597,
234.692

90, 24.011,
220.031

Harmonies

Complementary

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



64, 6.907, 65.896



64, 6.601, 248.908

Rectangle

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



64, 6.907, 65.896



64, 6.907, 115.896



64, 6.907, 245.896



64, 6.907, 295.896

Sweetspot

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



64, 6.907, 65.913



84, 2.617, 66.725



62, 10.648, 340.363



44, 1.861, 66.674



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, 6.907, 65.913



80, 10.141, 65.649



67, 10.603, 105.304



33, 3.012, 66.265



37, 57.667, 55.883



3, 4.518, 62.476

Inverse Universe

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



64, 6.601, 248.908



80, 9.592, 249.249



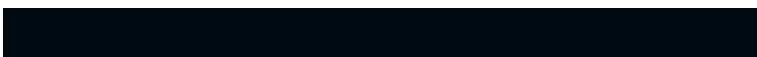
61, 10.856, 288.006



33, 2.919, 248.478



34, 40.420, 275.107



2, 4.734, 253.508

Previews

White Background



This preview shows how the CIELCh color 64, 6.907, 65.896 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, 6.907, 65.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

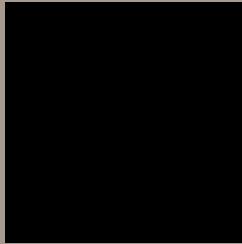
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 6.907, 65.896

Background



This preview shows how black text looks on a background with the CIELCh color 64, 6.907, 65.896.



This preview shows how white text looks on a background with the CIELCh color 64, 6.907, 65.896.

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, 6.907, 65.896

Protanopia

64, 5.879, 89.953

Deuteranopia

64, 10.012, 36.243



Tritanopia
64, 9.359, 334.698

Trichromacy



Original Color
64, 6.907, 65.896

Protanomaly
64, 5.904, 77.206

Deuteranomaly
64, 8.660, 42.581

Tritanomaly
64, 6.243, 359.088

Monochromacy



Original Color
64, 6.907, 65.896

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.262, 66.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 6.907, 65.896 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, 153, 144)` looks like.

```
.text, #text, p{  
    color:rgb(165, 153, 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(165, 153, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 153, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 6.907, 65.896 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, 153, 144) }
```

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

```
.border{ border-color:rgb(165, 153, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 153, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 153, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 153, 144);  
box-shadow:4px 4px 4px 4px rgb(165, 153,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 6.907, 65.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 153, 144) }
```

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

```
.background{ background-color: rgb(165,  
153, 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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