

Converting Colors

CIELCh(64, 7.279, 9.515)

Have a look what the booklet for
CIELCh(64, 7.279, 9.515) contains.

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Color

CIELCh(64, 7.127, 11.085)

Conversions

Conversions Part 1

Format	Color
Hex	A99799
RGB	169, 151, 153
RGB Percent	66%, 59%, 60%
CMY	0.3378, 0.4084, 0.4006
CMYK	0.00, 0.11, 0.09, 0.34
HSL	353°, 9%, 63%
HSV	353°, 11%, 66%
XYZ	33.1128, 32.8017, 34.6615
YIQ	156.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

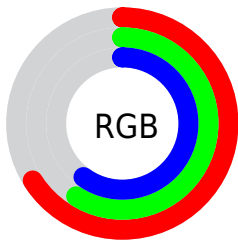
Format	Color
R_{YB}	169, 151, 153
Decimal	11114393
CIE _{Lab}	64.00, 6.99, 1.37
CIE _{LCh}	64, 7.127, 11.085
Yxy	32.8017, 0.3292, 0.3261
Android (android.graphics.Color)	4289304473 (0xFFA99799)
YUV	156.6100, -1.7797, 10.8660
Hunter-Lab	57.2727, 2.9742, 4.2085

Details

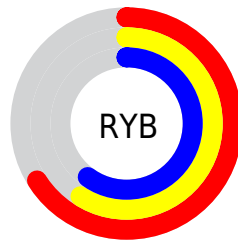
The CIELCh color $64, 7.127, 11.085$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 6.761, 189.502$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.085, 11.353$, and $44, 7.282, 10.912$ is the 20% darker color. If you saturate the color by 10%, you get $59, 14.249, 12.152$, and if you desaturate by 10%, it is $69, 0.427, 9.213$.

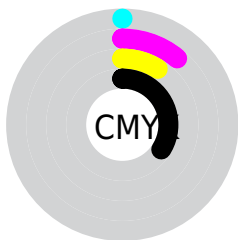
Distribution



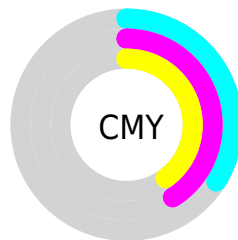
- Red (66%)
- Green (59%)
- Blue (60%)



- Red (66%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (34%)



- Cyan (34%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.127, 11.085 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, 7.127, 11.085 by changing the saturation by 10% instead.

 64, 7.127, 11.085  64, 7.127, 11.085

 100, 7.127, 11.085  54, 7.127, 11.085

 84, 7.127, 11.085  44, 7.127, 11.085

 94, 7.127, 11.085  34, 7.127, 11.085

 24, 7.127, 11.085

 14, 7.127, 11.085

 4, 7.127, 11.085

 0, 7.127, 11.085

 64, 7.127, 11.085  64, 7.127, 11.085

 59, 14.249, 12.152  69, 0.427, 9.213

55, 21.771, 13.416

74, 5.853, 189.678

50, 29.617, 14.981

79, 11.738,
189.026

46, 37.645, 16.949

84, 17.262,
188.482

43, 45.641, 19.445

40, 53.339, 22.594

89, 22.461,
188.010

37, 60.481, 26.463

94, 27.369,
187.594

36, 66.854, 30.925

35, 72.074, 34.943

95, 27.062,
197.749

Harmonies

Complementary

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



64, 7.127, 11.085



68, 6.761, 189.502

Rectangle

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



64, 7.127, 11.085



64, 7.127, 61.085



64, 7.127, 191.085



64, 7.127, 241.085

Sweetspot

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



64, 7.125, 11.097



86, 2.424, 10.268



64, 11.727, 321.725



45, 1.839, 10.381



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 7.125, 11.097



80, 10.840, 11.355



66, 5.780, 60.790



33, 3.758, 10.961



30, 64.995, 34.400



1, 6.647, 11.511

Inverse Universe

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



64, 7.125, 11.097



80, 10.840, 11.355



66, 5.527, 243.068



33, 3.758, 10.961



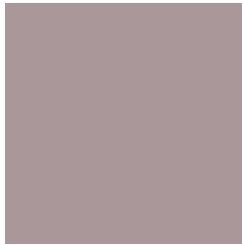
30, 64.995, 34.400



1, 6.647, 11.511

Previews

White Background



This preview shows how the CIELCh color 64, 7.127, 11.085 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, 7.127, 11.085 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, 7.127, 11.085

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.127, 11.085.



This preview shows how white text looks on a background with the CIELCh color 64, 7.127, 11.085.

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, 7.127, 11.085

Protanopia

64, 1.644, 359.492

Deuteranopia

64, 8.394, 8.751



Tritanopia
64, 9.848, 341.948

Trichromacy



Original Color
64, 7.127, 11.085

Protanomaly
64, 3.534, 10.569

Deuteranomaly
64, 8.004, 8.140

Tritanomaly
64, 8.940, 350.437

Monochromacy



Original Color
64, 7.127, 11.085

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.764, 7.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.127, 11.085 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(169, 151, 153)` looks like.

```
.text, #text, p{  
    color:rgb(169, 151, 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(169, 151, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 151, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.127, 11.085 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(169, 151, 153) }
```

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

```
.border{ border-color:rgb(169, 151, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 151, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 151, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 151, 153);  
box-shadow:4px 4px 4px 4px rgb(169, 151,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.127, 11.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 151, 153) }
```

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

```
.background{ background-color: rgb(169,  
151, 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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