

Converting Colors

CIELCh(64, 7.193, 63.585)

Have a look what the booklet for
CIELCh(64, 7.193, 63.585) contains.

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Color

CIELCh(64, 7.193, 63.585)

Conversions

Conversions Part 1

Format	Color
Hex	A69990
RGB	166, 153, 144
RGB Percent	65%, 60%, 56%
CMY	0.3499, 0.4008, 0.4361
CMYK	0.00, 0.08, 0.13, 0.35
HSL	25°, 11%, 61%
HSV	25°, 13%, 65%
XYZ	32.0530, 32.8017, 30.9413
YIQ	155.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

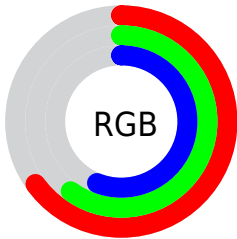
Format	Color
R_{YB}	166, 159, 144
Decimal	10918288
CIE _{Lab}	64.00, 3.20, 6.44
CIE _{LCh}	64, 7.193, 63.585
Yxy	32.8017, 0.3346, 0.3424
Android (android.graphics.Color)	4289108368 (0xFFA69990)
YUV	155.8610, -5.8475, 8.8919
Hunter-Lab	57.2727, -0.3287, 8.0598

Details

The CIELCh color $64, 7.193, 63.585$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 6.830, 246.600$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.038, 61.742$, and $44, 7.063, 62.170$ is the 20% darker color. If you saturate the color by 10%, you get $61, 13.007, 62.614$, and if you desaturate by 10%, it is $67, 1.717, 64.456$.

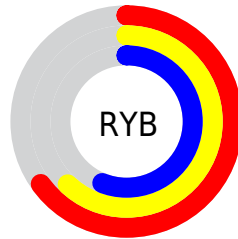
Distribution



Red (65%)

Green (60%)

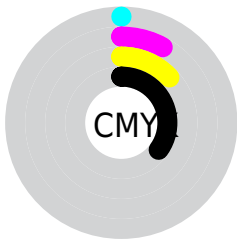
Blue (56%)



Red (65%)

Yellow (62%)

Blue (56%)

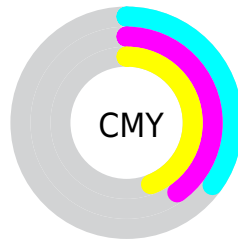


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 7.193, 63.585 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, 7.193, 63.585 by changing the saturation by 10% instead.

 64, 7.193, 63.585  64, 7.193, 63.585

 100, 7.193, 63.585  54, 7.193, 63.585

 84, 7.193, 63.585  44, 7.193, 63.585


 94, 7.193, 63.585  34, 7.193, 63.585

 24, 7.193, 63.585

 14, 7.193, 63.585

 4, 7.193, 63.585

 0, 7.193, 63.585

 64, 7.193, 63.585  64, 7.193, 63.585

 61, 13.007, 62.614  67, 1.717, 64.456

58, 19.185, 61.635

70, 3.456, 245.810

55, 25.745, 60.685

73, 8.357, 246.758

52, 32.677, 59.767

76, 13.019,
247.737

50, 39.918, 58.869

79, 17.470,
248.700

47, 47.299, 57.931

45, 54.438, 56.810

83, 21.736,
249.637

43, 60.603, 55.199

86, 24.138,
246.049

42, 64.355, 54.080

88, 23.385,
230.713

91, 24.259,
215.664

Harmonies

Complementary

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



64, 7.193, 63.585



64, 6.830, 246.600

Rectangle

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



64, 7.193, 63.585



64, 7.193, 113.585



64, 7.193, 243.585



64, 7.193, 293.585

Sweetspot

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



64, 7.193, 63.602



85, 2.621, 64.418



62, 11.278, 339.603



45, 1.883, 64.370



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, 7.193, 63.602



81, 10.889, 63.304



67, 10.910, 104.434



34, 3.069, 63.984



37, 59.011, 54.458



3, 5.392, 58.034

Inverse Universe

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



64, 6.830, 246.600



80, 10.204, 246.998



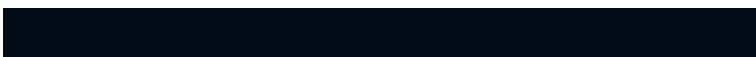
61, 11.167, 287.298



34, 2.965, 246.123



36, 39.427, 272.646



3, 5.710, 253.956

Previews

White Background



This preview shows how the CIELCh color 64, 7.193, 63.585 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, 7.193, 63.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

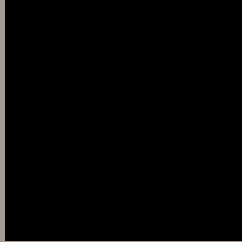
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 7.193, 63.585

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.193, 63.585.



This preview shows how white text looks on a background with the CIELCh color 64, 7.193, 63.585.

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, 7.193, 63.585

Protanopia

64, 5.879, 89.953

Deuteranopia

64, 10.206, 39.171



Tritanopia
64, 9.630, 336.380

Trichromacy



Original Color
64, 7.193, 63.585

Protanomaly
64, 5.904, 77.206

Deuteranomaly
64, 8.908, 45.797

Tritanomaly
64, 6.611, 0.351

Monochromacy



Original Color
64, 7.193, 63.585

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.543, 60.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.193, 63.585 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(166, 153, 144)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 153, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 153, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.193, 63.585 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(166, 153, 144) }
```

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

```
.border{ border-color:rgb(166, 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(166, 153, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 153, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 153, 144);  
box-shadow:4px 4px 4px 4px rgb(166, 153,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.193, 63.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 153, 144) }
```

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

```
.background{ background-color: rgb(166,  
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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