

Converting Colors

CIELCh(64, 6.489, 64.177)

Have a look what the booklet for
CIELCh(64, 6.489, 64.177) contains.

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Color

CIELCh(64, 6.507, 62.630)

Conversions

Conversions Part 1

Format	Color
Hex	A59991
RGB	165, 153, 145
RGB Percent	65%, 60%, 57%
CMY	0.3531, 0.4002, 0.4316
CMYK	0.00, 0.07, 0.12, 0.35
HSL	24°, 10%, 61%
HSV	24°, 12%, 65%
XYZ	31.9955, 32.8017, 31.4120
YIQ	155.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

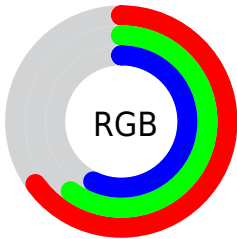
Format	Color
RYB	165, 158, 145
Decimal	10852753
CIELab	64.00, 2.99, 5.78
CIELCh	64, 6.507, 62.630
Yxy	32.8017, 0.3326, 0.3409
Android (android.graphics.Color)	4289042833 (0xFFA59991)
YUV	155.6760, -5.2633, 8.1771
Hunter-Lab	57.2727, -0.5081, 7.5725

Details

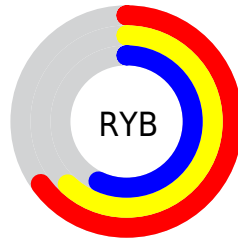
The CIELCh color **64, 6.507, 62.630** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 6.199, 245.334**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 6.399, 60.587**, and **44, 6.321, 61.023** is the 20% darker color. If you saturate the color by 10%, you get **61, 12.250, 61.692**, and if you desaturate by 10%, it is **67, 1.103, 63.356**.

Distribution



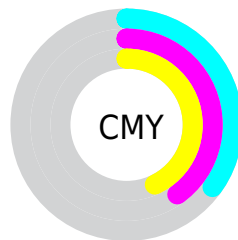
- Red (65%)
- Green (60%)
- Blue (57%)



- Red (65%)
- Yellow (62%)
- Blue (57%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (35%)



- Cyan (35%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 6.507, 62.630 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, 6.507, 62.630 by changing the saturation by 10% instead.

 64, 6.507, 62.630  64, 6.507, 62.630

 100, 6.507, 62.630  54, 6.507, 62.630

 84, 6.507, 62.630  44, 6.507, 62.630

 94, 6.507, 62.630  34, 6.507, 62.630

 24, 6.507, 62.630

 14, 6.507, 62.630

 4, 6.507, 62.630

 0, 6.507, 62.630

 64, 6.507, 62.630  64, 6.507, 62.630

 61, 12.250, 61.692  67, 1.103, 63.356

58, 18.362, 60.745

70, 3.997, 244.800

55, 24.862, 59.830

73, 8.825, 245.738

52, 31.746, 58.954

76, 13.414,
246.698

50, 38.961, 58.107

80, 17.792,
247.642

47, 46.358, 57.238

45, 53.592, 56.217

83, 21.985,
248.562

43, 59.978, 54.756

86, 24.165,
244.328

41, 64.418, 53.484

88, 23.596,
228.882

91, 24.661,
213.961

Harmonies

Complementary

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



64, 6.507, 62.630



64, 6.199, 245.334

Rectangle

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



64, 6.507, 62.630



64, 6.507, 112.630



64, 6.507, 242.630



64, 6.507, 292.630

Sweetspot

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



64, 6.507, 62.648



84, 2.588, 63.329



62, 10.254, 339.510



44, 1.841, 63.285



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, 6.507, 62.648



80, 10.056, 62.349



67, 9.928, 104.553



33, 2.983, 62.914



36, 58.515, 53.904



3, 4.490, 59.303

Inverse Universe

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



64, 6.199, 245.334



80, 9.445, 245.729



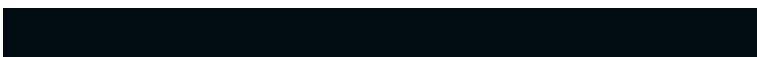
61, 10.143, 287.158



33, 2.879, 245.003



36, 38.189, 271.318



2, 4.656, 250.523

Previews

White Background



This preview shows how the CIELCh color 64, 6.507, 62.630 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, 6.507, 62.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

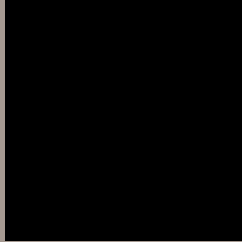
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

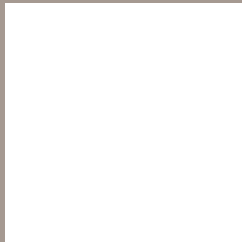
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 6.507, 62.630

Background



This preview shows how black text looks on a background with the CIELCh color 64, 6.507, 62.630.



This preview shows how white text looks on a background with the CIELCh color 64, 6.507, 62.630.

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, 6.507, 62.630

Protanopia

64, 5.357, 88.063

Deuteranopia

64, 9.847, 33.206



Tritanopia
64, 9.359, 334.698

Trichromacy



Original Color
64, 6.507, 62.630

Protanomaly
64, 5.437, 74.184

Deuteranomaly
64, 8.441, 39.183

Tritanomaly
64, 6.454, 354.463

Monochromacy



Original Color
64, 6.507, 62.630

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, 6.507, 62.630 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(165, 153, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 153, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 6.507, 62.630 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, 145) }
```

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

```
.border{ border-color:rgb(165, 153, 145) }
```

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, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 153, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 153, 145);  
box-shadow:4px 4px 4px 4px rgb(165, 153,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 6.507, 62.630 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, 145) }
```

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

```
.background{ background-color: rgb(165,  
153, 145) }
```

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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