

Converting Colors

CIELCh(64, 5.020, 81.604)

Have a look what the booklet for
CIELCh(64, 5.020, 81.604) contains.

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Color

CIELCh(64, 5.020, 81.604)

Conversions

Conversions Part 1

Format	Color
Hex	A09A92
RGB	160, 154, 146
RGB Percent	63%, 60%, 57%
CMY	0.3713, 0.3949, 0.4263
CMYK	0.00, 0.04, 0.09, 0.37
HSL	34°, 7%, 60%
HSV	34°, 9%, 63%
XYZ	31.3762, 32.8017, 31.9949
YIQ	154.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

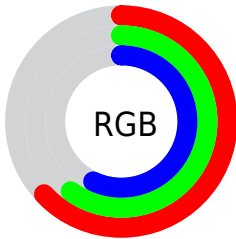
Format	Color
RYB	157, 160, 146
Decimal	10525330
CIELab	64.00, 0.73, 4.97
CIElCh	64, 5.020, 81.604
Yxy	32.8017, 0.3262, 0.3411
Android (android.graphics.Color)	4288715410 (0xFFA09A92)
YUV	154.8820, -4.3788, 4.4885
Hunter-Lab	57.2727, -2.4380, 6.9691

Details

The CIELCh color **64, 5.020, 81.604** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 4.971, 263.945**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 4.921, 78.002**, and **44, 4.892, 78.012** is the 20% darker color. If you saturate the color by 10%, you get **62, 10.959, 80.383**, and if you desaturate by 10%, it is **66, 0.722, 263.277**.

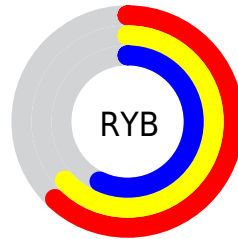
Distribution



Red (63%)

Green (60%)

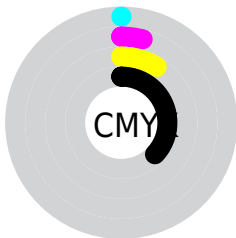
Blue (57%)



Red (62%)

Yellow (63%)

Blue (57%)

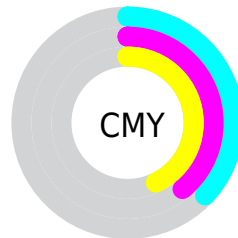


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 5.020, 81.604 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, 5.020, 81.604 by changing the saturation by 10% instead.

64, 5.020, 81.604

64, 5.020, 81.604

100, 5.020, 81.604

54, 5.020, 81.604

84, 5.020, 81.604

44, 5.020, 81.604

94, 5.020, 81.604

34, 5.020, 81.604

24, 5.020, 81.604

14, 5.020, 81.604

4, 5.020, 81.604

0, 5.020, 81.604

64, 5.020, 81.604

64, 5.020, 81.604

62, 10.959, 80.383

66, 0.722, 263.277

60, 17.101, 79.088

69, 6.284, 264.145

57, 23.442, 77.758

71, 11.680,
265.272

55, 29.952, 76.395

73, 16.926,
266.363

53, 36.554, 74.987

51, 43.080, 73.498

76, 22.039,
267.409

49, 49.207, 71.845

78, 27.031,
268.406

48, 54.381, 69.865

46, 58.266, 67.481

80, 30.265,
267.603

82, 27.888,
259.835

84, 26.090,
250.923

Harmonies

Complementary

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



64, 5.020, 81.604



63, 4.971, 263.945

Rectangle

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



64, 5.020, 81.604



64, 5.020, 131.604



64, 5.020, 261.604



64, 5.020, 311.604

Sweetspot

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



64, 5.021, 81.625



83, 2.115, 82.231



62, 6.430, 348.106



44, 1.603, 82.166



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 5.021, 81.625



81, 7.154, 81.450



66, 7.744, 112.065



32, 3.216, 81.565



41, 53.966, 67.588



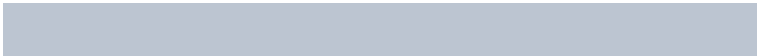
3, 4.054, 79.839

Inverse Universe

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



63, 4.971, 263.945



79, 7.064, 264.143



61, 7.903, 293.581



32, 3.181, 264.012



28, 52.724, 289.413



2, 4.247, 264.845

Previews

White Background



This preview shows how the CIELCh color 64, 5.020, 81.604 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, 5.020, 81.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

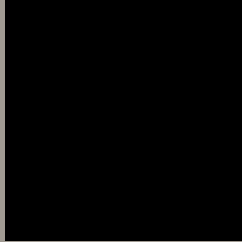
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 5.020, 81.604

Background



This preview shows how black text looks on a background with the CIELCh color 64, 5.020, 81.604.

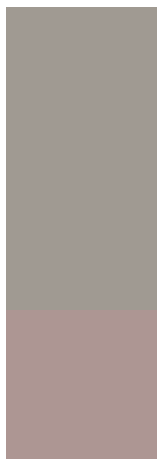


This preview shows how white text looks on a background with the CIELCh color 64, 5.020, 81.604.

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, 5.020, 81.604

Protanopia

64, 5.020, 81.604

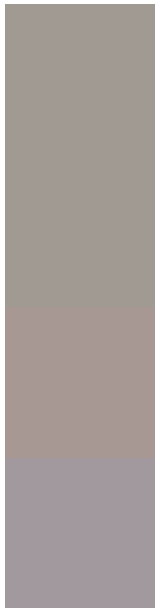
Deuteranopia

64, 9.310, 30.465



Tritanopia
64, 7.923, 322.509

Trichromacy



Original Color
64, 5.020, 81.604

Protanomaly
64, 5.020, 81.604

Deuteranomaly
64, 6.919, 43.474

Tritanomaly
64, 4.460, 341.125

Monochromacy



Original Color
64, 5.020, 81.604

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.825, 84.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 5.020, 81.604 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(160, 154, 146)` looks like.

```
.text, #text, p{  
    color:rgb(160, 154, 146)  
}
```

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(160, 154, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 154, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 5.020, 81.604 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(160, 154, 146) }
```

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

```
.border{ border-color:rgb(160, 154, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 154, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 154, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 154, 146);  
box-shadow:4px 4px 4px 4px rgb(160, 154,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 5.020, 81.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 154, 146) }
```

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

```
.background{ background-color: rgb(160,  
154, 146) }
```

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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