

Converting Colors

CIELCh(64, 8.653, 331.828)

Have a look what the booklet for
CIELCh(64, 8.653, 331.828) contains.

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Color

CIELCh(64, 8.424, 333.524)

Conversions

Conversions Part 1

Format	Color
Hex	A697A2
RGB	166, 151, 162
RGB Percent	65%, 59%, 64%
CMY	0.3494, 0.4082, 0.3651
CMYK	0.00, 0.09, 0.02, 0.35
HSL	316°, 8%, 62%
HSV	316°, 9%, 65%
XYZ	33.2673, 32.8017, 38.7130
YIQ	156.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

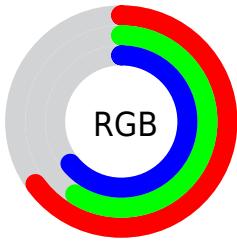
Format	Color
R_{YB}	166, 151, 162
Decimal	10917794
CIE _{Lab}	64.00, 7.54, -3.76
CIE _{LCh}	64, 8.424, 333.524
Yxy	32.8017, 0.3175, 0.3130
Android (android.graphics.Color)	4289107874 (0xFFA697A2)
YUV	156.7390, 2.5937, 8.1219
Hunter-Lab	57.2727, 3.4559, 0.0144

Details

The CIELCh color $64, 8.424, 333.524$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.386, 152.403$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 8.611, 332.768$, and $44, 8.320, 334.477$ is the 20% darker color. If you saturate the color by 10%, you get $60, 17.843, 334.223$, and if you desaturate by 10%, it is $69, 0.879, 153.241$.

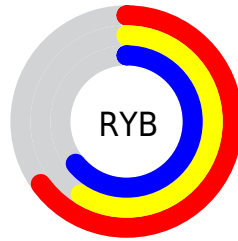
Distribution



Red (65%)

Green (59%)

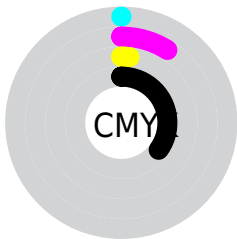
Blue (64%)



Red (65%)

Yellow (59%)

Blue (64%)

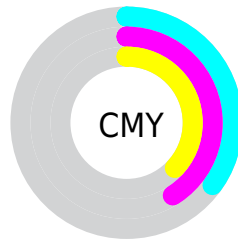


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.424, 333.524 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, 8.424, 333.524 by changing the saturation by 10% instead.

■ 64, 8.424, 333.524

■ 64, 8.424, 333.524

■ 100, 8.424,
333.524

■ 54, 8.424, 333.524

■ 84, 8.424, 333.524

■ 44, 8.424, 333.524

■ 94, 8.424, 333.524

■ 34, 8.424, 333.524

■ 24, 8.424, 333.524

■ 14, 8.424, 333.524

■ 4, 8.424, 333.524

■ 0, 8.424, 333.524

■ 64, 8.424, 333.524

■ 64, 8.424, 333.524

■ 60, 17.843,

■ 69, 0.879, 153.241

334.223

73, 9.980, 152.334

55, 27.252,
334.945

78, 18.838,
151.743

51, 36.450,
335.707

82, 27.432,
151.192

48, 45.155,
336.518

87, 35.760,
150.674

44, 52.999,
337.394

92, 43.827,
150.187

42, 59.559,
338.360

93, 44.746,
151.413

39, 64.417,
339.455

93, 43.047,
153.401

38, 67.286,
340.730

93, 41.388,
155.540

37, 68.402,
342.209

Harmonies

Complementary

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



64, 8.424, 333.524



67, 8.386, 152.403

Rectangle

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



64, 8.424, 333.524



64, 8.424, 23.524



64, 8.424, 153.524



64, 8.424, 203.524

Sweetspot

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



64, 8.422, 333.526



85, 3.461, 333.070



63, 8.549, 301.097



45, 2.646, 333.141



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, 8.422, 333.526



80, 12.760, 333.677



64, 6.152, 1.514



33, 5.336, 333.544



33, 63.061, 342.182



2, 9.183, 335.871

Inverse Universe

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



64, 8.422, 333.526



80, 12.760, 333.677



67, 5.959, 180.010



33, 5.336, 333.544



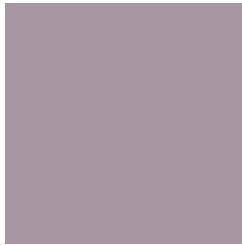
33, 63.061, 342.182



2, 9.183, 335.871

Previews

White Background



This preview shows how the CIELCh color 64, 8.424, 333.524 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, 8.424, 333.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

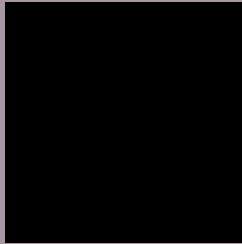
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 8.424, 333.524

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.424, 333.524.



This preview shows how white text looks on a background with the CIELCh color 64, 8.424, 333.524.

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, 8.424, 333.524

Protanopia

64, 5.601, 294.612

Deuteranopia

64, 9.359, 334.698



Tritanopia
64, 8.834, 331.049

Trichromacy



Original Color
64, 8.424, 333.524

Protanomaly
64, 6.053, 312.711

Deuteranomaly
64, 9.359, 334.698

Tritanomaly
64, 8.834, 331.049

Monochromacy



Original Color
64, 8.424, 333.524

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 2.954, 330.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.424, 333.524 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, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(166, 151, 162)  
}
```

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, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 151, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.424, 333.524 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, 151, 162) }
```

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

```
.border{ border-color:rgb(166, 151, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 151, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 151, 162);  
box-shadow:4px 4px 4px 4px rgb(166, 151,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.424, 333.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 151, 162) }
```

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

```
.background{ background-color: rgb(166,  
151, 162) }
```

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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