

Converting Colors

CIELCh(64, 17.704, 347.049)

Have a look what the booklet for
CIELCh(64, 17.704, 347.049)
contains.

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Color

CIELCh(64, 17.716, 346.942)

Conversions

Conversions Part 1

Format	Color
Hex	B791A3
RGB	183, 145, 163
RGB Percent	72%, 57%, 64%
CMY	0.2838, 0.4327, 0.3621
CMYK	0.00, 0.21, 0.11, 0.28
HSL	332°, 21%, 64%
HSV	332°, 21%, 72%
XYZ	36.0962, 32.8017, 38.9159
YIQ	158.4140, 16.8700, 13.6540

Conversions

Conversions Part 2

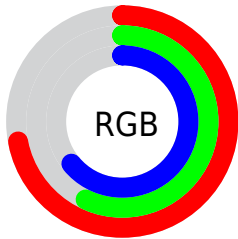
Format	Color
R_{YB}	183, 145, 163
Decimal	12030371
CIE _{Lab}	64.00, 17.26, -4.00
CIE _{LCh}	64, 17.716, 346.942
Yxy	32.8017, 0.3348, 0.3042
Android (android.graphics.Color)	4290220451 (0xFFB791A3)
YUV	158.4140, 2.2609, 21.5619
Hunter-Lab	57.2727, 12.2726, -0.1957

Details

The CIELCh color $64, 17.716, 346.942$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $71, 17.205, 163.261$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 17.687, 346.492$, and $44, 17.939, 347.676$ is the 20% darker color. If you saturate the color by 10%, you get $59, 26.409, 348.027$, and if you desaturate by 10%, it is $69, 9.094, 345.971$.

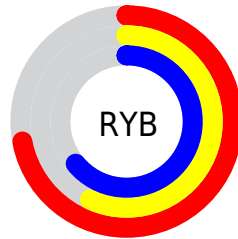
Distribution



Red (72%)

Green (57%)

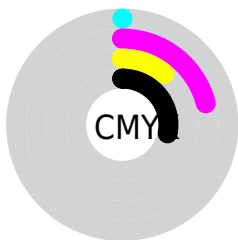
Blue (64%)



Red (72%)

Yellow (57%)

Blue (64%)

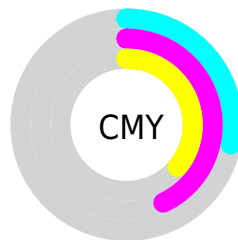


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (28%)



Cyan (28%)

Magenta (43%)

Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 17.716, 346.942 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, 17.716, 346.942 by changing the saturation by 10% instead.


 64, 17.716,
346.942


 64, 17.716,
346.942


 100, 17.716,
346.942


 54, 17.716,
346.942


 84, 17.716,
346.942


 44, 17.716,
346.942


 94, 17.716,
346.942

 34, 17.716,
346.942

 24, 17.716,
346.942

 14, 17.716,
346.942

 4, 17.716, 346.942

 0, 17.716, 346.942

64, 17.716,
346.942

64, 17.716,
346.942

59, 26.409,
348.027

69, 9.094, 345.971

55, 34.992,
349.266

74, 0.666, 344.576

79, 7.509, 164.436

51, 43.184,
350.718

84, 15.401,
163.701

47, 50.614,
352.463

89, 23.005,
163.041

44, 56.849,
354.614

94, 30.328,
162.435

42, 61.489,
357.316

95, 27.795,
170.020

40, 64.325, 0.734

95, 25.408,
179.544

39, 65.761, 4.477

■ 95, 23.779,
190.651

Harmonies

Complementary

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



64, 17.716, 346.942



71, 17.205, 163.261

Rectangle

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



64, 17.716, 346.942



64, 17.716, 36.942



64, 17.716, 166.942



64, 17.716, 216.942

Sweetspot

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



64, 17.714, 346.944



90, 6.213, 345.526



63, 22.527, 310.595



48, 4.158, 345.589



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 17.714, 346.944



79, 26.430, 347.428



64, 15.056, 22.178



36, 4.784, 345.835



33, 58.440, 3.857



3, 12.034, 352.294

Inverse Universe

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



64, 17.714, 346.944



79, 26.430, 347.428



71, 13.132, 199.902



36, 4.784, 345.835



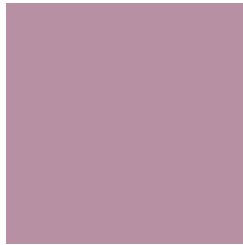
33, 58.440, 3.857



3, 12.034, 352.294

Previews

White Background



This preview shows how the CIELCh color 64, 17.716, 346.942 looks on a white background.

Color Contrast Check

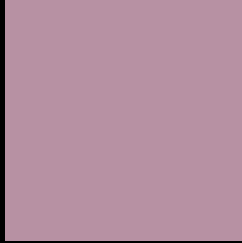
Large Text (above 18pt) WCAG AA × Fail

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, 17.716, 346.942 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, 17.716, 346.942

Background



This preview shows how black text looks on a background with the CIELCh color 64, 17.716, 346.942.



This preview shows how white text looks on a background with the CIELCh color 64, 17.716, 346.942.

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, 17.716, 346.942

Protanopia

64, 8.371, 291.078

Deuteranopia

64, 8.965, 337.191



Tritanopia
64, 15.320, 357.545

Trichromacy



Original Color
64, 17.716, 346.942

Protanomaly
64, 10.229, 319.585

Deuteranomaly
64, 11.738, 342.562

Tritanomaly
64, 15.738, 353.785

Monochromacy



Original Color
64, 17.716, 346.942

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.661, 344.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 17.716, 346.942 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(183, 145, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 145, 163)  
}
```

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(183, 145, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 145, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 17.716, 346.942 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(183, 145, 163) }
```

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

```
.border{ border-color:rgb(183, 145, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 145, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 145, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 145, 163);  
box-shadow:4px 4px 4px 4px rgb(183, 145,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 17.716, 346.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 145, 163) }
```

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

```
.background{ background-color: rgb(183,  
145, 163) }
```

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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