

Converting Colors

CIELCh(64, 26.223, 355.225)

Have a look what the booklet for
CIELCh(64, 26.223, 355.225)
contains.

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Color

CIELCh(64, 26.229, 354.719)

Conversions

Conversions Part 1

Format	Color
Hex	C68AA0
RGB	198, 138, 160
RGB Percent	78%, 54%, 63%
CMY	0.2228, 0.4581, 0.3719
CMYK	0.00, 0.30, 0.19, 0.22
HSL	338°, 35%, 66%
HSV	338°, 30%, 78%
XYZ	38.8113, 32.8017, 37.6238
YIQ	158.4480, 28.6980, 19.5620

Conversions

Conversions Part 2

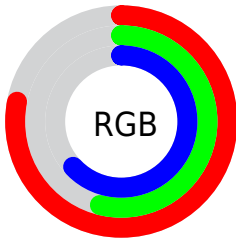
Format	Color
R_{YB}	198, 138, 160
Decimal	13011616
CIE _{Lab}	64.00, 26.12, -2.41
CIE _{LCh}	64, 26.229, 354.719
Yxy	32.8017, 0.3553, 0.3003
Android (android.graphics.Color)	4291201696 (0xFFC68AA0)
YUV	158.4480, 0.7651, 34.6871
Hunter-Lab	57.2727, 20.7344, 1.1420

Details

The CIELCh color $64, 26.229, 354.719$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 24.486, 168.546$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 26.092, 354.161$, and $44, 26.435, 354.076$ is the 20% darker color. If you saturate the color by 10%, you get $59, 35.097, 356.158$, and if you desaturate by 10%, it is $69, 17.357, 353.496$.

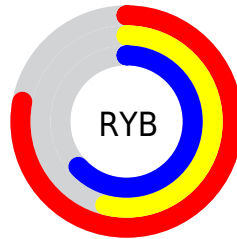
Distribution



Red (78%)

Green (54%)

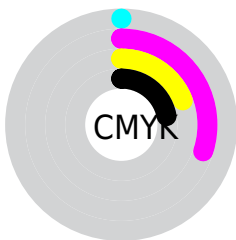
Blue (63%)



Red (78%)

Yellow (54%)

Blue (63%)

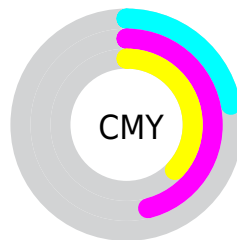


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (46%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 26.229, 354.719 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, 26.229, 354.719 by changing the saturation by 10% instead.

 64, 26.229,
354.719


 64, 26.229,
354.719


 100, 26.229,
354.719


 54, 26.229,
354.719


 84, 26.229,
354.719

 44, 26.229,
354.719

 94, 26.229,
354.719

 34, 26.229,
354.719

 24, 26.229,
354.719

 14, 26.229,
354.719

 4, 26.229, 354.719

 0, 26.229, 354.719

64, 26.229,
354.719

64, 26.229,
354.719

59, 35.097,
356.158

69, 17.357,
353.496

55, 43.705,
357.885

74, 8.661, 352.416

80, 0.236, 349.630

51, 51.687, 0.008

85, 7.869, 170.772

47, 58.618, 2.673

91, 15.640,
170.000

45, 64.118, 6.051

43, 68.027, 10.308

96, 21.949,
170.889

42, 70.754, 15.184

96, 19.322,
187.537

96, 18.653,
198.273

Harmonies

Complementary

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



64, 26.229, 354.719



75, 24.486, 168.546

Rectangle

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



64, 26.229, 354.719



64, 26.229, 44.719



64, 26.229, 174.719



64, 26.229, 224.719

Sweetspot

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



64, 26.227, 354.721



94, 9.287, 352.298



63, 36.192, 314.893



49, 6.469, 352.451



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 26.227, 354.721



77, 38.438, 355.591



65, 22.022, 32.825



39, 4.785, 352.324



34, 61.105, 14.332



4, 16.843, 0.746

Inverse Universe

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



64, 26.227, 354.721



77, 38.438, 355.591



74, 17.768, 212.372



39, 4.785, 352.324



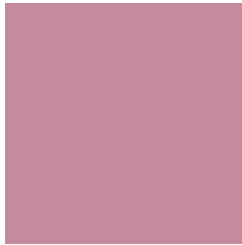
34, 61.105, 14.332



4, 16.843, 0.746

Previews

White Background



This preview shows how the CIELCh color 64, 26.229, 354.719 looks on a white background.

Color Contrast Check

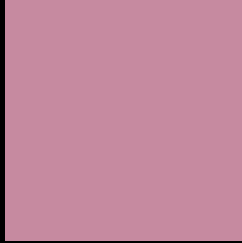
Large Text (above 18pt) WCAG AA × Fail

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, 26.229, 354.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

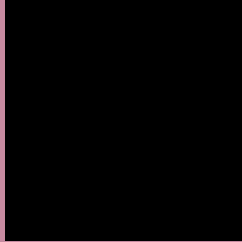
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 26.229, 354.719

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.229, 354.719.



This preview shows how white text looks on a background with the CIELCh color 64, 26.229, 354.719.

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, 26.229, 354.719

Protanopia
64, 8.929, 291.136

Deuteranopia
64, 7.988, 351.020



Tritanopia
64, 23.447, 6.949

Trichromacy



Original Color
64, 26.229, 354.719

Protanomaly
64, 13.098, 330.665

Deuteranomaly
64, 15.043, 352.304

Tritanomaly
64, 24.293, 2.148

Monochromacy



Original Color
64, 26.229, 354.719

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.614, 352.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.229, 354.719 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(198, 138, 160)` looks like.

```
.text, #text, p{  
    color:rgb(198, 138, 160)  
}
```

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(198, 138, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 138, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.229, 354.719 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(198, 138, 160) }
```

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

```
.border{ border-color:rgb(198, 138, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 138, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 138, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 138, 160);  
box-shadow:4px 4px 4px 4px rgb(198, 138,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.229, 354.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 138, 160) }
```

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

```
.background{ background-color: rgb(198,  
138, 160) }
```

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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