

Converting Colors

CIELCh(64, 24.224, 359.107)

Have a look what the booklet for
CIELCh(64, 24.224, 359.107)
contains.

CIELCh(64, 24.382, 358.021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 24.382, 358.021)

Conversions

Conversions Part 1

Format	Color
Hex	C48B9D
RGB	196, 139, 157
RGB Percent	77%, 55%, 62%
CMY	0.2299, 0.4535, 0.3829
CMYK	0.00, 0.29, 0.20, 0.23
HSL	341°, 33%, 66%
HSV	341°, 29%, 77%
XYZ	38.2645, 32.8017, 36.3735
YIQ	158.0950, 28.1940, 17.6820

Conversions

Conversions Part 2

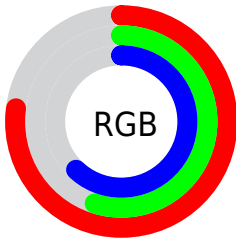
Format	Color
R_{YB}	196, 139, 157
Decimal	12880797
CIE _{Lab}	64.00, 24.37, -0.84
CIE _{LCh}	64, 24.382, 358.021
Yxy	32.8017, 0.3561, 0.3053
Android (android.graphics.Color)	4291070877 (0xFFC48B9D)
YUV	158.0950, -0.5398, 33.2427
Hunter-Lab	57.2727, 19.0303, 2.4363

Details

The CIELCh color $64, 24.382, 358.021$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 22.496, 172.045$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 24.126, 358.470$, and $44, 24.506, 357.447$ is the 20% darker color. If you saturate the color by 10%, you get $59, 33.108, 359.503$, and if you desaturate by 10%, it is $69, 15.740, 356.771$.

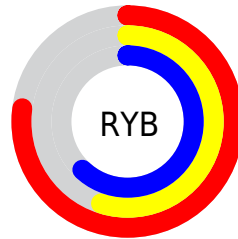
Distribution



Red (77%)

Green (55%)

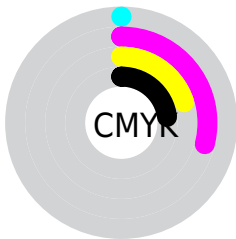
Blue (62%)



Red (77%)

Yellow (55%)

Blue (62%)

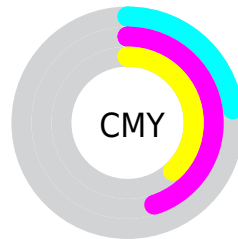


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (45%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 24.382, 358.021 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, 24.382, 358.021 by changing the saturation by 10% instead.

 64, 24.382,
358.021


 64, 24.382,
358.021


 100, 24.382,
358.021


 54, 24.382,
358.021


 84, 24.382,
358.021

 44, 24.382,
358.021

 94, 24.382,
358.021

 34, 24.382,
358.021

 24, 24.382,
358.021

 14, 24.382,
358.021

 4, 24.382, 358.021

 0, 24.382, 358.021

64, 24.382,
358.021

64, 24.382,
358.021

59, 33.108,
359.503

69, 15.740,
356.771

55, 41.692, 1.292

74, 7.333, 355.670

51, 49.805, 3.505

80, 0.761, 175.414

47, 57.052, 6.289

85, 8.510, 174.031

44, 63.071, 9.818

91, 15.909,
173.267

43, 67.692, 14.238

96, 21.825,
174.433

42, 71.254, 19.450

41, 71.611, 19.947

96, 19.466,
192.789

96, 19.199,
198.238

Harmonies

Complementary

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



64, 24.382, 358.021



75, 22.496, 172.045

Rectangle

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



64, 24.382, 358.021



64, 24.382, 48.021



64, 24.382, 178.021



64, 24.382, 228.021

Sweetspot

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



64, 24.380, 358.024



94, 9.032, 355.681



63, 34.764, 316.439



49, 6.294, 355.839



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, 24.380, 358.024



77, 36.596, 358.956



66, 20.136, 37.540



39, 4.653, 355.708



34, 62.177, 19.100



4, 16.586, 3.441

Inverse Universe

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



64, 24.380, 358.024



77, 36.596, 358.956



73, 16.469, 218.611



39, 4.653, 355.708



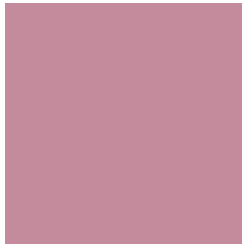
34, 62.177, 19.100



4, 16.586, 3.441

Previews

White Background



This preview shows how the CIELCh color 64, 24.382, 358.021 looks on a white background.

Color Contrast Check

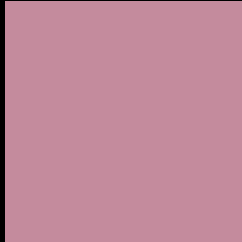
Large Text (above 18pt) WCAG AA × Fail

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, 24.382, 358.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

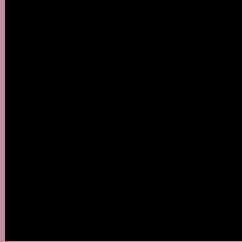
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 24.382, 358.021

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.382, 358.021.



This preview shows how white text looks on a background with the CIELCh color 64, 24.382, 358.021.

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, 24.382, 358.021

Protanopia

64, 6.715, 294.077

Deuteranopia

64, 8.278, 0.587



Tritanopia
64, 23.056, 6.636

Trichromacy



Original Color
64, 24.382, 358.021

Protanomaly
64, 11.224, 336.503

Deuteranomaly
64, 14.402, 358.239

Tritanomaly
64, 23.258, 3.968

Monochromacy



Original Color
64, 24.382, 358.021

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 9.030, 354.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.382, 358.021 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(196, 139, 157)` looks like.

```
.text, #text, p{  
    color:rgb(196, 139, 157)  
}
```

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(196, 139, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 139, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.382, 358.021 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(196, 139, 157) }
```

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

```
.border{ border-color:rgb(196, 139, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 139, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 139, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 139, 157); box-shadow:4px 4px 4px 4px rgb(196, 139, 157) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.382, 358.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 139, 157) }
```

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

```
.background{ background-color: rgb(196,  
139, 157) }
```

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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