

Converting Colors

CIELCh(64, 23.734, 332.056)

Have a look what the booklet for
CIELCh(64, 23.734, 332.056)
contains.

CIELCh(64, 23.508, 332.638)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 23.508, 332.638)

Conversions

Conversions Part 1

Format	Color
Hex	B88FAF
RGB	184, 143, 175
RGB Percent	72%, 56%, 69%
CMY	0.2796, 0.4403, 0.3148
CMYK	0.00, 0.22, 0.05, 0.28
HSL	313°, 22%, 64%
HSV	313°, 22%, 72%
XYZ	37.1897, 32.8017, 44.7831
YIQ	158.9070, 14.1640, 18.6440

Conversions

Conversions Part 2

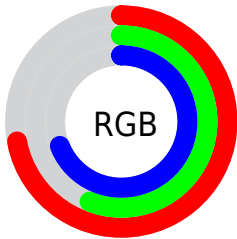
Format	Color
RYB	184, 143, 175
Decimal	12095407
CIELab	64.00, 20.88, -10.80
CIELCh	64, 23.508, 332.638
Yxy	32.8017, 0.3240, 0.2858
Android (android.graphics.Color)	4290285487 (0xFFB88FAF)
YUV	158.9070, 7.9338, 22.0066
Hunter-Lab	57.2727, 15.6806, -6.2696

Details

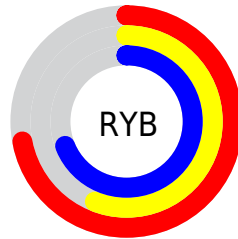
The CIELCh color $64, 23.508, 332.638$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 23.392, 149.628$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 23.600, 331.989$, and $44, 24.034, 332.553$ is the 20% darker color. If you saturate the color by 10%, you get $60, 34.001, 333.328$, and if you desaturate by 10%, it is $69, 12.916, 331.970$.

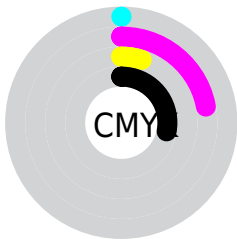
Distribution



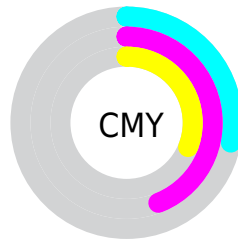
- Red (72%)
- Green (56%)
- Blue (69%)



- Red (72%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (28%)



- Cyan (28%)
- Magenta (44%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 23.508, 332.638 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, 23.508, 332.638 by changing the saturation by 10% instead.

 64, 23.508,
332.638

 64, 23.508,
332.638

 100, 23.508,
332.638

 54, 23.508,
332.638

 84, 23.508,
332.638

 44, 23.508,
332.638

 94, 23.508,
332.638

 34, 23.508,
332.638

 24, 23.508,
332.638

 14, 23.508,
332.638

 4, 23.508, 332.638

 0, 23.508, 332.638

64, 23.508,
332.638

64, 23.508,
332.638

60, 34.001,
333.328

69, 12.916,
331.970

55, 44.143,
334.044

74, 2.408, 331.239

78, 7.908, 150.797

51, 53.581,
334.792

84, 17.967,
150.202

48, 61.876,
335.582

89, 27.737,
149.652

45, 68.554,
336.433

94, 37.209,
149.134

43, 73.194,
337.375

94, 36.830,
150.882

42, 75.581,
338.448

94, 35.275,
153.072

41, 76.263,

339.361

 94, 33.764,
155.450

Harmonies

Complementary

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



64, 23.508, 332.638



71, 23.392, 149.628

Rectangle

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



64, 23.508, 332.638



64, 23.508, 22.638



64, 23.508, 152.638



64, 23.508, 202.638

Sweetspot

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



64, 23.506, 332.639



90, 9.088, 331.622



61, 23.369, 300.310



48, 5.904, 331.663



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, 23.506, 332.639



79, 35.320, 332.990



63, 17.325, 359.413



36, 5.931, 331.772



35, 67.579, 339.185



3, 15.107, 334.934

Inverse Universe

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



64, 23.506, 332.639



79, 35.320, 332.990



72, 16.182, 175.032



36, 5.931, 331.772



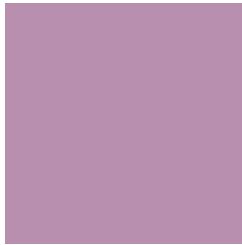
35, 67.579, 339.185



3, 15.107, 334.934

Previews

White Background



This preview shows how the CIELCh color 64, 23.508, 332.638 looks on a white background.

Color Contrast Check

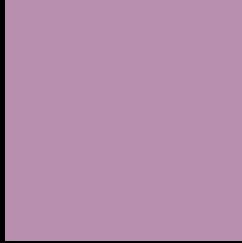
Large Text (above 18pt) WCAG AA × Fail

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, 23.508, 332.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

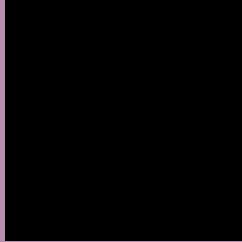
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 23.508, 332.638

Background



This preview shows how black text looks on a background with the CIELCh color 64, 23.508, 332.638.



This preview shows how white text looks on a background with the CIELCh color 64, 23.508, 332.638.

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, 23.508, 332.638

Protanopia

64, 15.651, 286.661

Deuteranopia

64, 12.996, 309.629



Tritanopia
64, 14.957, 356.888

Trichromacy



Original Color
64, 23.508, 332.638

Protanomaly
64, 16.847, 306.821

Deuteranomaly
64, 16.722, 320.840

Tritanomaly
64, 17.398, 346.165

Monochromacy



Original Color
64, 23.508, 332.638

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.814, 331.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 23.508, 332.638 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(184, 143, 175)` looks like.

```
.text, #text, p{  
    color:rgb(184, 143, 175)  
}
```

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(184, 143, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 143, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 23.508, 332.638 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(184, 143, 175) }
```

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

```
.border{ border-color:rgb(184, 143, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 143, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 143, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 143, 175);  
box-shadow:4px 4px 4px 4px rgb(184, 143,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 23.508, 332.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 143, 175) }
```

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

```
.background{ background-color: rgb(184,  
143, 175) }
```

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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