

Converting Colors

CIELCh(48, 32.048, 349.459)

Have a look what the booklet for
CIELCh(48, 32.048, 349.459)
contains.

CIELCh(48, 32.303, 349.114)	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(48, 32.303, 349.114)

Conversions

Conversions Part 1

Format	Color
Hex	A05D7D
RGB	160, 93, 125
RGB Percent	63%, 36%, 49%
CMY	0.3724, 0.6351, 0.5097
CMYK	0.00, 0.42, 0.22, 0.37
HSL	331°, 26%, 50%
HSV	331°, 42%, 63%
XYZ	22.1268, 16.7945, 21.4900
YIQ	116.6810, 29.6600, 24.1560

Conversions

Conversions Part 2

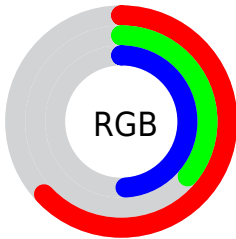
Format	Color
R_{YB}	160, 93, 125
Decimal	10509693
CIE Lab	48.00, 31.72, -6.10
CIE LCh	48, 32.303, 349.114
Yxy	16.7945, 0.3663, 0.2780
Android (android.graphics.Color)	4288699773 (0xFFA05D7D)
YUV	116.6810, 4.1013, 37.9908
Hunter-Lab	40.9810, 24.6603, -2.4044

Details

The CIELCh color $48, 32.303, 349.114$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 30.587, 160.747$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 32.171, 348.845$, and $28, 32.546, 349.393$ is the 20% darker color. If you saturate the color by 10%, you get $44, 39.634, 350.557$, and if you desaturate by 10%, it is $52, 24.598, 347.884$.

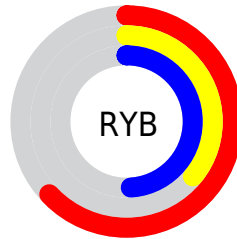
Distribution



Red (63%)

Green (36%)

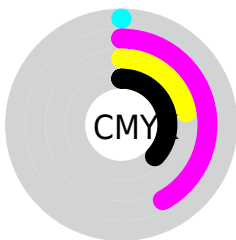
Blue (49%)



Red (63%)

Yellow (36%)

Blue (49%)

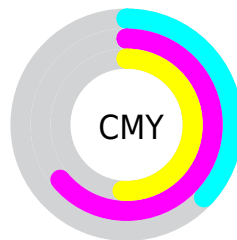


Cyan (0%)

Magenta (42%)

Yellow (22%)

Black (37%)



Cyan (37%)


Magenta (64%)

Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 32.303, 349.114 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 48, 32.303, 349.114 by changing the saturation by 10% instead.


 48, 32.303,
349.114


 48, 32.303,
349.114


 100, 32.303,
349.114


 38, 32.303,
349.114

 68, 32.303,
349.114


 28, 32.303,
349.114

 78, 32.303,
349.114

 18, 32.303,
349.114


 88, 32.303,
349.114

 8, 32.303, 349.114

 98, 32.303,
349.114

 0, 32.303, 349.114

 48, 32.303,

 48, 32.303,

349.114

349.114

■ 44, 39.634,
350.557

■ 52, 24.598,
347.884

■ 41, 46.264,
352.289

■ 56, 16.776,
346.807

■ 38, 51.809,
354.417

■ 61, 9.008, 345.841

■ 36, 55.917,
357.085

■ 65, 1.400, 344.777

■ 70, 5.987, 164.313

■ 35, 58.411, 0.452

■ 74, 13.125,
163.574

■ 34, 59.690, 3.603

■ 79, 20.008,
162.915

■ 83, 26.639,
162.309

■ 88, 33.032,

Harmonies

Complementary

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



48, 32.303, 349.114



61, 30.587, 160.747

Rectangle

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



48, 32.303, 349.114



48, 32.303, 39.114



48, 32.303, 169.114



48, 32.303, 219.114

Sweetspot

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



48, 32.301, 349.115



77, 12.292, 345.970



46, 41.605, 311.661



39, 8.604, 346.168



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



48, 32.301, 349.115



58, 47.566, 350.417



47, 29.378, 24.603



31, 4.237, 345.597



30, 54.943, 3.126



1, 5.389, 346.262

Inverse Universe

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



48, 32.301, 349.115



58, 47.566, 350.417



61, 21.869, 199.171



31, 4.237, 345.597



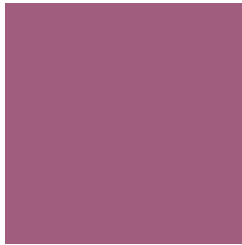
30, 54.943, 3.126



1, 5.389, 346.262

Previews

White Background



This preview shows how the CIELCh color 48, 32.303, 349.114 looks on a white background.

Color Contrast Check

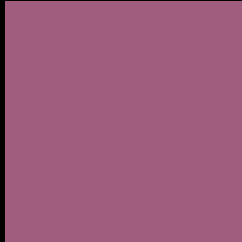
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 48, 32.303, 349.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

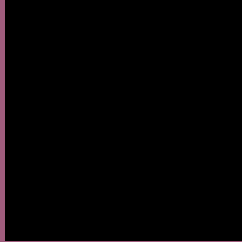
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 32.303, 349.114

Background



This preview shows how black text looks on a background with the CIELCh color 48, 32.303, 349.114.



This preview shows how white text looks on a background with the CIELCh color 48, 32.303, 349.114.

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
48, 32.303, 349.114

Protanopia
48, 14.781, 286.428

Deuteranopia
48, 7.871, 324.891



Tritanopia
48, 26.496, 14.309

Trichromacy



Original Color
48, 32.303, 349.114

Protanomaly
48, 18.142, 320.123

Deuteranomaly
48, 17.052, 340.738

Tritanomaly
48, 27.797, 3.968

Monochromacy



Original Color
48, 32.303, 349.114

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 12.377, 346.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 32.303, 349.114 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(160, 93, 125)` looks like.

```
.text, #text, p{  
    color:rgb(160, 93, 125)  
}
```

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(160, 93, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 93, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 32.303, 349.114 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(160, 93, 125) }
```

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

```
.border{ border-color:rgb(160, 93, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 93, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 93, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 93, 125);  
box-shadow:4px 4px 4px 4px rgb(160, 93,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 32.303, 349.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 93, 125) }
```

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

```
.background{ background-color: rgb(160, 93,  
125) }
```

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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