

Converting Colors

CIELCh(64, 16.120, 325.182)

Have a look what the booklet for
CIELCh(64, 16.120, 325.182)
contains.

CIELCh(64, 16.174, 325.181)	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, 16.174, 325.181)

Conversions

Conversions Part 1

Format	Color
Hex	AC94AC
RGB	172, 148, 172
RGB Percent	67%, 58%, 67%
CMY	0.3266, 0.4207, 0.3266
CMYK	0.00, 0.14, 0.00, 0.33
HSL	300°, 13%, 63%
HSV	300°, 14%, 67%
XYZ	34.9191, 32.8017, 43.3804
YIQ	157.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

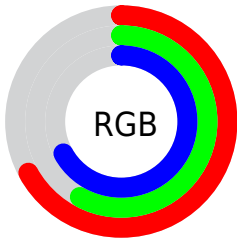
Format	Color
RYB	172, 148, 172
Decimal	11310252
CIELab	64.00, 13.28, -9.24
CIElCh	64, 16.174, 325.181
Yxy	32.8017, 0.3143, 0.2952
Android (android.graphics.Color)	4289500332 (0xFFAC94AC)
YUV	157.9120, 6.9454, 12.3552
Hunter-Lab	57.2727, 8.6037, -4.8175

Details

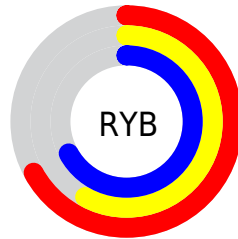
The CIELCh color $64, 16.174, 325.181$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 16.155, 143.615$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 16.178, 326.104$, and $44, 16.575, 325.432$ is the 20% darker color. If you saturate the color by 10%, you get $60, 27.801, 325.723$, and if you desaturate by 10%, it is $68, 4.572, 324.605$.

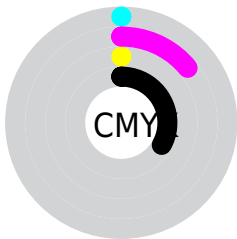
Distribution



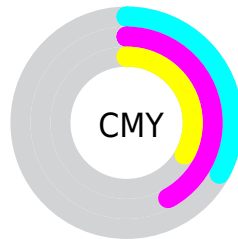
- Red (67%)
- Green (58%)
- Blue (67%)



- Red (67%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)





- Cyan (33%)
- Magenta (42%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 16.174, 325.181 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, 16.174, 325.181 by changing the saturation by 10% instead.


 64, 16.174,
325.181


 64, 16.174,
325.181


 100, 16.174,
325.181


 54, 16.174,
325.181


 84, 16.174,
325.181

 44, 16.174,
325.181

 94, 16.174,
325.181

 34, 16.174,
325.181

 24, 16.174,
325.181

 14, 16.174,
325.181

 4, 16.174, 325.181

 0, 16.174, 325.181

64, 16.174,
325.181

64, 16.174,
325.181

60, 27.801,
325.723

68, 4.572, 324.605

56, 39.252,
326.245

73, 6.858, 144.156

52, 50.237,
326.734

78, 18.031,
143.616

49, 60.387,
327.176

82, 28.896,
143.111

46, 69.275,
327.552

87, 39.428,
142.634

44, 76.475,
327.851

92, 49.622,
142.183

42, 81.660,
328.061

93, 52.084,
142.076

41, 84.717,

93, 52.084,
142.076

328.184

■ 93, 52.084,
142.076

■ 41, 85.929,
328.232

Harmonies

Complementary

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



64, 16.174, 325.181



68, 16.155, 143.615

Rectangle

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



64, 16.174, 325.181



64, 16.174, 15.181



64, 16.174, 145.181



64, 16.174, 195.181

Sweetspot

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



64, 16.172, 325.181



87, 5.726, 324.612



62, 13.249, 291.001



46, 4.066, 324.659



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 16.172, 325.181



80, 24.492, 325.364



64, 11.555, 343.889



34, 6.590, 324.922



35, 77.962, 328.232



2, 13.857, 324.438

Inverse Universe

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



63, 9.517, 20.279



79, 14.585, 20.561



68, 11.368, 161.635



34, 3.818, 19.909



31, 69.982, 39.446



2, 7.802, 19.404

Previews

White Background



This preview shows how the CIELCh color 64, 16.174, 325.181 looks on a white background.

Color Contrast Check

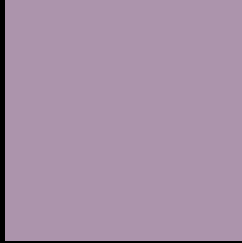
Large Text (above 18pt) WCAG AA × Fail

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, 16.174, 325.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

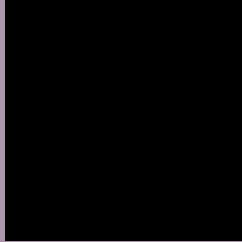
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 16.174, 325.181

Background



This preview shows how black text looks on a background with the CIELCh color 64, 16.174, 325.181.



This preview shows how white text looks on a background with the CIELCh color 64, 16.174, 325.181.

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, 16.174, 325.181

Protanopia

64, 12.281, 288.125

Deuteranopia

64, 12.079, 312.958



Tritanopia
64, 9.848, 341.948

Trichromacy



Original Color
64, 16.174, 325.181

Protanomaly
64, 12.592, 303.212

Deuteranomaly
64, 13.213, 318.167

Tritanomaly
64, 12.267, 334.031

Monochromacy



Original Color
64, 16.174, 325.181

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.098, 324.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 16.174, 325.181 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(172, 148, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 148, 172)  
}
```

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(172, 148, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 148, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 16.174, 325.181 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(172, 148, 172) }
```

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

```
.border{ border-color:rgb(172, 148, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 148, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 148, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 148, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 148,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 16.174, 325.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 148, 172) }
```

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

```
.background{ background-color: rgb(172,  
148, 172) }
```

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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