

Converting Colors

CIELCh(64, 12.178, 325.003)

Have a look what the booklet for
CIELCh(64, 12.178, 325.003)
contains.

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Color

CIELCh(64, 12.165, 325.000)

Conversions

Conversions Part 1

Format	Color
Hex	A896A8
RGB	168, 150, 168
RGB Percent	66%, 59%, 66%
CMY	0.3426, 0.4131, 0.3426
CMYK	0.00, 0.11, 0.00, 0.34
HSL	300°, 9%, 62%
HSV	300°, 11%, 66%
XYZ	33.9588, 32.8017, 41.4145
YIQ	157.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

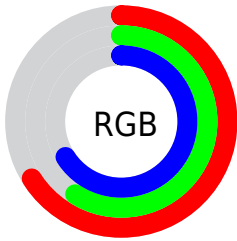
Format	Color
RYB	168, 150, 168
Decimal	11048616
CIELab	64.00, 9.96, -6.98
CIELCh	64, 12.165, 325.000
Yxy	32.8017, 0.3139, 0.3032
Android (android.graphics.Color)	4289238696 (0xFFA896A8)
YUV	157.4340, 5.2090, 9.2664
Hunter-Lab	57.2727, 5.6108, -2.7823

Details

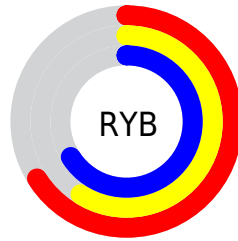
The CIELCh color $64, 12.165, 325.000$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 12.147, 143.832$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 12.166, 324.886$, and $44, 12.308, 325.191$ is the 20% darker color. If you saturate the color by 10%, you get $60, 23.576, 325.547$, and if you desaturate by 10%, it is $68, 0.830, 324.208$.

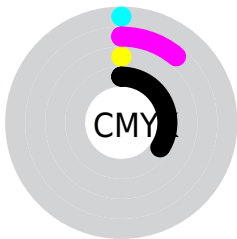
Distribution



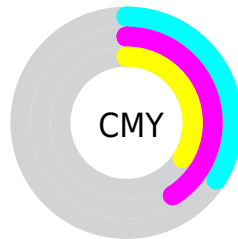
- Red (66%)
- Green (59%)
- Blue (66%)



- Red (66%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)



- Cyan (34%)
- Magenta (41%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 12.165, 325.000 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, 12.165, 325.000 by changing the saturation by 10% instead.

 64, 12.165,
325.000


 64, 12.165,
325.000


 100, 12.165,
325.000

 54, 12.165,
325.000


 84, 12.165,
325.000

 44, 12.165,
325.000

 94, 12.165,
325.000

 34, 12.165,
325.000

 24, 12.165,
325.000

 14, 12.165,
325.000

 4, 12.165, 325.000

 0, 12.165, 325.000

64, 12.165,
325.000

64, 12.165,
325.000

60, 23.576,
325.547

68, 0.830, 324.208

56, 34.890,
326.075

73, 10.305,
143.974

52, 45.849,
326.576

78, 21.167,
143.451

49, 56.118,
327.034

82, 31.719,
142.956

46, 65.296,
327.434

87, 41.942,
142.487

43, 72.955,
327.759

92, 51.834,
142.046


41, 78.732,
327.999


93, 54.581,
141.925

40, 82.433,

93, 54.581,
141.925

328.151

 93, 54.581,
141.925

 40, 84.417,
328.231

Harmonies

Complementary

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



64, 12.165, 325.000



67, 12.147, 143.832

Rectangle

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



64, 12.165, 325.000



64, 12.165, 15.000



64, 12.165, 145.000



64, 12.165, 195.000

Sweetspot

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



64, 12.163, 325.000



85, 4.174, 324.540



63, 9.918, 290.625



45, 3.190, 324.596



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 12.163, 325.000



80, 18.182, 325.138



64, 8.673, 343.597



33, 6.429, 324.919



35, 76.993, 328.231



2, 11.673, 324.437

Inverse Universe

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



63, 7.079, 20.016



79, 10.672, 20.215



67, 8.562, 161.930



33, 3.724, 19.904



30, 69.025, 39.358



1, 6.572, 19.402

Previews

White Background



This preview shows how the CIELCh color 64, 12.165, 325.000 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, 12.165, 325.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

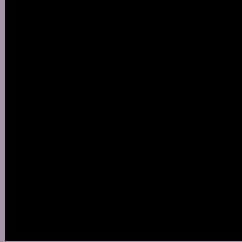
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 12.165, 325.000

Background



This preview shows how black text looks on a background with the CIELCh color 64, 12.165, 325.000.



This preview shows how white text looks on a background with the CIELCh color 64, 12.165, 325.000.

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, 12.165, 325.000

Protanopia

64, 8.931, 288.784

Deuteranopia

64, 10.415, 321.430



Tritanopia
64, 8.690, 335.412

Trichromacy



Original Color
64, 12.165, 325.000

Protanomaly
64, 9.790, 304.309

Deuteranomaly
64, 10.612, 323.214

Tritanomaly
64, 9.500, 330.646

Monochromacy



Original Color
64, 12.165, 325.000

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 4.751, 324.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 12.165, 325.000 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(168, 150, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 150, 168)  
}
```

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(168, 150, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 150, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 12.165, 325.000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

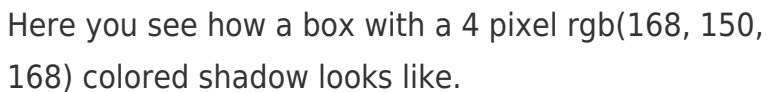
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 150, 168) }
```

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

```
.border{ border-color:rgb(168, 150, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 150, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 150, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 150, 168); box-shadow:4px 4px 4px 4px rgb(168, 150, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 12.165, 325.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 150, 168) }
```

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

```
.background{ background-color: rgb(168,  
150, 168) }
```

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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