

Converting Colors

CIELCh(65, 11.258, 354.218)

Have a look what the booklet for
CIELCh(65, 11.258, 354.218)
contains.

CIELCh(65, 11.245, 354.209)	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(65, 11.245, 354.209)

Conversions

Conversions Part 1

Format	Color
Hex	B197A0
RGB	177, 151, 160
RGB Percent	69%, 59%, 63%
CMY	0.3056, 0.4076, 0.3723
CMYK	0.00, 0.15, 0.10, 0.31
HSL	339°, 14%, 64%
HSV	339°, 15%, 69%
XYZ	35.5724, 34.0472, 37.9825
YIQ	159.8000, 12.6070, 8.3110

Conversions

Conversions Part 2

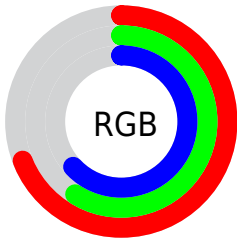
Format	Color
RYB	177, 151, 160
Decimal	11638688
CIELab	65.00, 11.19, -1.13
CIElCh	65, 11.245, 354.209
Yxy	34.0472, 0.3306, 0.3164
Android (android.graphics.Color)	4289828768 (0xFFB197A0)
YUV	159.8000, 0.0986, 15.0844
Hunter-Lab	58.3500, 6.7082, 2.2506

Details

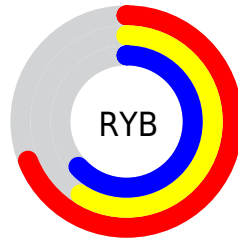
The CIELCh color $65, 11.245, 354.209$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 10.855, 171.535$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.523, 353.225$, and $45, 11.320, 352.762$ is the 20% darker color. If you saturate the color by 10%, you get $60, 19.191, 355.356$, and if you desaturate by 10%, it is $70, 3.524, 353.150$.

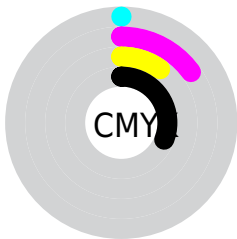
Distribution



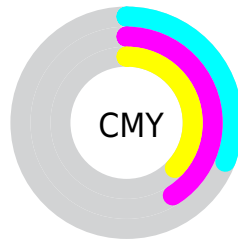
- Red (69%)
- Green (59%)
- Blue (63%)



- Red (69%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.245, 354.209 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 65, 11.245, 354.209 by changing the saturation by 10% instead.

 65, 11.245,
354.209


 65, 11.245,
354.209


 100, 11.245,
354.209


 55, 11.245,
354.209


 85, 11.245,
354.209

 45, 11.245,
354.209

 95, 11.245,
354.209

 35, 11.245,
354.209

 25, 11.245,
354.209

 15, 11.245,
354.209

 5, 11.245, 354.209

 0, 11.245, 354.209

65, 11.245,
354.209

65, 11.245,
354.209

60, 19.191,
355.356

70, 3.524, 353.150

56, 27.259,
356.678

75, 3.910, 172.508

51, 35.265,
358.248

80, 11.036,
171.661

47, 42.942, 0.157

85, 17.856,
170.945

44, 49.941, 2.530

90, 24.381,
170.300

41, 55.892, 5.521

95, 29.412,
171.068

39, 60.518, 9.304

95, 26.660,
182.129

38, 63.806, 13.999

37, 65.384, 16.657

95, 24.992,
195.126

■ 95, 24.813,
197.887

Harmonies

Complementary

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



65, 11.245, 354.209



70, 10.855, 171.535

Rectangle

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



65, 11.245, 354.209



65, 11.245, 44.209



65, 11.245, 174.209



65, 11.245, 224.209

Sweetspot

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



65, 11.243, 354.214



89, 3.713, 353.075



65, 15.838, 314.730



47, 2.639, 353.164



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 11.243, 354.214



80, 17.120, 354.611



66, 9.014, 33.899



35, 4.324, 353.650



32, 58.565, 15.951



2, 9.868, 358.266

Inverse Universe

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



65, 11.243, 354.214



80, 17.120, 354.611



69, 8.193, 214.022



35, 4.324, 353.650



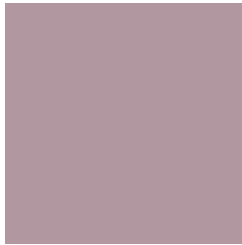
32, 58.565, 15.951



2, 9.868, 358.266

Previews

White Background



This preview shows how the CIELCh color 65, 11.245, 354.209 looks on a white background.

Color Contrast Check

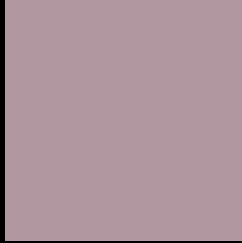
Large Text (above 18pt) WCAG AA × Fail

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 65, 11.245, 354.209 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 65, 11.245, 354.209

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.245, 354.209.



This preview shows how white text looks on a background with the CIELCh color 65, 11.245, 354.209.

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
65, 11.245, 354.209

Protanopia
65, 3.979, 301.500

Deuteranopia
65, 8.311, 352.366



Tritanopia
65, 11.745, 349.316

Trichromacy



Original Color
65, 11.245, 354.209

Protanomaly
65, 6.140, 333.590

Deuteranomaly
65, 9.603, 352.842

Tritanomaly
65, 11.484, 351.708

Monochromacy



Original Color
65, 11.245, 354.209

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.847, 354.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.245, 354.209 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(177, 151, 160)` looks like.

```
.text, #text, p{  
    color:rgb(177, 151, 160)  
}
```

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(177, 151, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 151, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.245, 354.209 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(177, 151, 160) }
```

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

```
.border{ border-color:rgb(177, 151, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 151, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 151, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 151, 160);  
box-shadow:4px 4px 4px 4px rgb(177, 151,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.245, 354.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 151, 160) }
```

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

```
.background{ background-color: rgb(177,  
151, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor