

Converting Colors

CIELCh(65, 11.687, 326.531)

Have a look what the booklet for
CIELCh(65, 11.687, 326.531)
contains.

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Color

CIELCh(65, 11.687, 326.531)

Conversions

Conversions Part 1

Format	Color
Hex	AA98A9
RGB	170, 152, 169
RGB Percent	67%, 60%, 66%
CMY	0.3318, 0.4024, 0.3357
CMYK	0.00, 0.11, 0.01, 0.33
HSL	303°, 10%, 63%
HSV	303°, 11%, 67%
XYZ	35.1481, 34.0472, 42.4448
YIQ	159.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

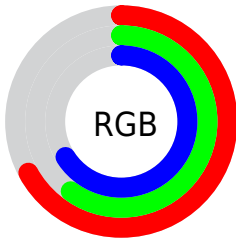
Format	Color
RYB	170, 152, 169
Decimal	11180201
CIELab	65.00, 9.75, -6.45
CIELCh	65, 11.687, 326.531
Yxy	34.0472, 0.3148, 0.3050
Android (android.graphics.Color)	4289370281 (0xFFAA98A9)
YUV	159.3200, 4.7722, 9.3664
Hunter-Lab	58.3500, 5.4101, -2.2836

Details

The CIELCh color $65, 11.687, 326.531$ is a light color, and the websafe version is hex 999999 , and the color name is [heliotrope gray](#). A complement of this color would be $68, 11.666, 145.359$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.718, 326.332$, and $45, 11.789, 326.817$ is the 20% darker color. If you saturate the color by 10%, you get $61, 22.826, 327.099$, and if you desaturate by 10%, it is $69, 0.630, 325.617$.

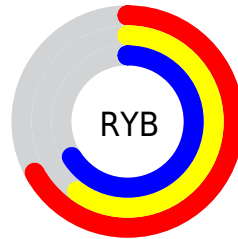
Distribution



Red (67%)

Green (60%)

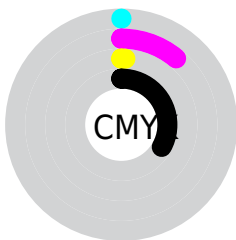
Blue (66%)



Red (67%)

Yellow (60%)

Blue (66%)

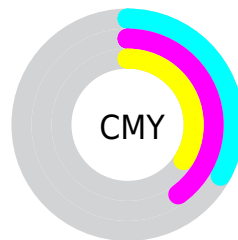


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (33%)



Cyan (33%)


Magenta (40%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.687, 326.531 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, 11.687, 326.531 by changing the saturation by 10% instead.


 65, 11.687,
326.531


 65, 11.687,
326.531


 100, 11.687,
326.531


 55, 11.687,
326.531


 85, 11.687,
326.531

 45, 11.687,
326.531

 95, 11.687,
326.531

 35, 11.687,
326.531

 25, 11.687,
326.531

 15, 11.687,
326.531

 5, 11.687, 326.531

 0, 11.687, 326.531

65, 11.687,
326.531

65, 11.687,
326.531

61, 22.826,
327.099

69, 0.630, 325.617

57, 33.878,
327.656

74, 10.228,
145.484

53, 44.592,
328.197

79, 20.819,
144.950

49, 54.638,
328.709

83, 31.108,
144.447

46, 63.608,
329.183

88, 41.080,
143.971

44, 71.068,
329.607

93, 50.736,
143.521

42, 76.634,
329.977

93, 50.569,
143.816

41, 80.089,

93, 50.178,
144.132

330.294

■ 93, 49.788,
144.453

■ 40, 81.810,
330.560

Harmonies

Complementary

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



65, 11.687, 326.531



68, 11.666, 145.359

Rectangle

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



65, 11.687, 326.531



65, 11.687, 16.531



65, 11.687, 146.531



65, 11.687, 196.531

Sweetspot

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



65, 11.685, 326.531



87, 4.096, 326.065



64, 10.076, 293.137



46, 3.130, 326.123



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 11.685, 326.531



81, 17.842, 326.684



65, 8.282, 347.305



33, 6.191, 326.457



34, 73.764, 330.532



2, 11.070, 326.591

Inverse Universe

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



65, 11.685, 326.531



81, 17.842, 326.684



68, 8.143, 165.576



33, 6.191, 326.457



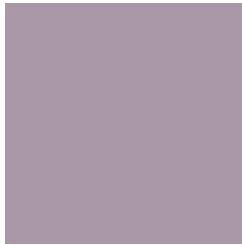
34, 73.764, 330.532



2, 11.070, 326.591

Previews

White Background



This preview shows how the CIELCh color 65, 11.687, 326.531 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 CIELCh color 65, 11.687, 326.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

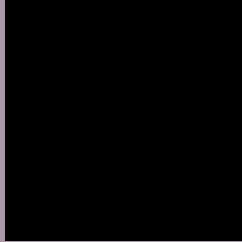
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 11.687, 326.531

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.687, 326.531.



This preview shows how white text looks on a background with the CIELCh color 65, 11.687, 326.531.

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, 11.687, 326.531

Protanopia

65, 8.344, 288.545

Deuteranopia

65, 10.588, 323.209



Tritanopia
65, 9.327, 334.686

Trichromacy



Original Color
65, 11.687, 326.531

Protanomaly
65, 9.215, 305.064

Deuteranomaly
65, 10.794, 324.931

Tritanomaly
65, 10.142, 330.294

Monochromacy



Original Color
65, 11.687, 326.531

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 4.290, 328.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.687, 326.531 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(170, 152, 169)` looks like.

```
.text, #text, p{  
    color:rgb(170, 152, 169)  
}
```

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(170, 152, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 152, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.687, 326.531 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(170, 152, 169) }
```

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

```
.border{ border-color:rgb(170, 152, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 152, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 152, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 152, 169);  
box-shadow:4px 4px 4px 4px rgb(170, 152,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.687, 326.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 152, 169) }
```

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

```
.background{ background-color: rgb(170,  
152, 169) }
```

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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