

Converting Colors

CIELCh(65, 4.740, 329.242)

Have a look what the booklet for
CIELCh(65, 4.740, 329.242) contains.

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Color

CIELCh(65, 4.295, 328.802)

Conversions

Conversions Part 1

Format	Color
Hex	A39CA2
RGB	163, 156, 162
RGB Percent	64%, 61%, 64%
CMY	0.3618, 0.3892, 0.3657
CMYK	0.00, 0.04, 0.01, 0.36
HSL	309°, 4%, 62%
HSV	309°, 4%, 64%
XYZ	33.3932, 34.0472, 38.8717
YIQ	158.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

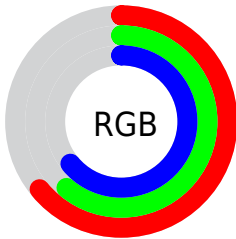
Format	Color
RYB	163, 156, 162
Decimal	10722466
CIELab	65.00, 3.67, -2.22
CIELCh	65, 4.295, 328.802
Yxy	34.0472, 0.3141, 0.3203
Android (android.graphics.Color)	4288912546 (0xFFA39CA2)
YUV	158.7770, 1.5889, 3.7036
Hunter-Lab	58.3500, 0.0416, 1.3470

Details

The CIELCh color $65, 4.295, 328.802$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 4.277, 148.418$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 4.707, 328.193$, and $45, 3.882, 329.649$ is the 20% darker color. If you saturate the color by 10%, you get $61, 14.362, 329.433$, and if you desaturate by 10%, it is $69, 5.621, 148.337$.

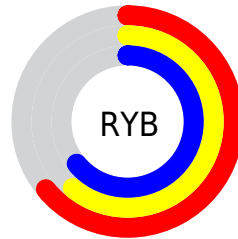
Distribution



Red (64%)

Green (61%)

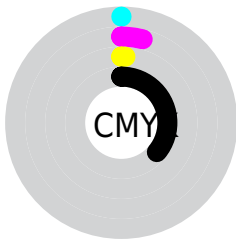
Blue (64%)



Red (64%)

Yellow (61%)

Blue (64%)

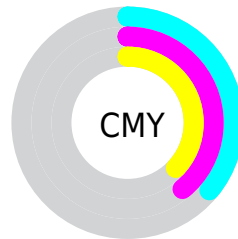


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 4.295, 328.802 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, 4.295, 328.802 by changing the saturation by 10% instead.

 65, 4.295, 328.802

 65, 4.295, 328.802

 100, 4.295,
328.802

 55, 4.295, 328.802

 85, 4.295, 328.802

 45, 4.295, 328.802

 95, 4.295, 328.802

 35, 4.295, 328.802

 25, 4.295, 328.802

 15, 4.295, 328.802

 5, 4.295, 328.802

 0, 4.295, 328.802

 65, 4.295, 328.802

 65, 4.295, 328.802

 61, 14.362,

 69, 5.621, 148.337

329.433

74, 15.310,
147.760

56, 24.468,
330.043

79, 24.734,
147.230

53, 34.433,
330.657

83, 33.878,
146.728

49, 44.002,
331.274

88, 42.739,
146.254

46, 52.839,
331.890

92, 51.324,
145.807

43, 60.543,
332.505

93, 51.313,
146.475

40, 66.694,
333.121

93, 50.376,
147.291

39, 70.950,
333.752

93, 49.445,
148.135

38, 73.165,
334.416

Harmonies

Complementary

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



65, 4.295, 328.802



66, 4.277, 148.418

Rectangle

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



65, 4.295, 328.802



65, 4.295, 18.802



65, 4.295, 148.802



65, 4.295, 198.802

Sweetspot

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



65, 4.293, 328.804



84, 1.240, 328.426



65, 3.921, 295.739



45, 0.711, 328.408



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 4.293, 328.804



82, 6.187, 328.859



65, 3.054, 351.762



33, 3.400, 328.890



33, 68.120, 334.733



1, 8.551, 329.885

Inverse Universe

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



65, 4.293, 328.804



82, 6.187, 328.859



66, 3.018, 171.262



33, 3.400, 328.890



33, 68.120, 334.733



1, 8.551, 329.885

Previews

White Background



This preview shows how the CIE LCh color 65, 4.295, 328.802 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, 4.295, 328.802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

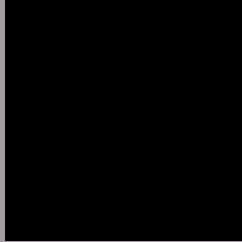
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

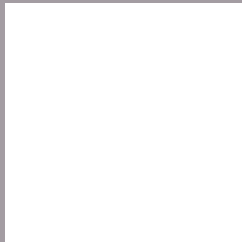
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 4.295, 328.802

Background



This preview shows how black text looks on a background with the CIELCh color 65, 4.295, 328.802.



This preview shows how white text looks on a background with the CIELCh color 65, 4.295, 328.802.

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, 4.295, 328.802

Protanopia

65, 2.896, 305.624

Deuteranopia

65, 8.548, 344.479



Tritanopia
65, 7.524, 317.572

Trichromacy



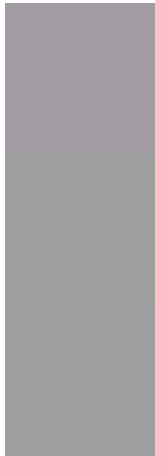
Original Color
65, 4.295, 328.802

Protanomaly
65, 3.022, 312.565

Deuteranomaly
65, 6.988, 340.581

Tritanomaly
65, 6.556, 321.971

Monochromacy



Original Color
65, 4.295, 328.802

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.361, 324.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 4.295, 328.802 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(163, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 156, 162)  
}
```

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(163, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 156, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 4.295, 328.802 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(163, 156, 162) }
```

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

```
.border{ border-color:rgb(163, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(163, 156,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 4.295, 328.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 156, 162) }
```

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

```
.background{ background-color: rgb(163,  
156, 162) }
```

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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