

Converting Colors

CIELCh(65, 3.234, 324.980)

Have a look what the booklet for
CIELCh(65, 3.234, 324.980) contains.

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Color

CIELCh(65, 3.392, 324.544)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A19CA1 |
| RGB | 161, 156, 161 |
| RGB Percent | 63%, 61%, 63% |
| CMY | 0.3676, 0.3872, 0.3676 |
| CMYK | 0.00, 0.03, 0.00, 0.37 |
| HSL | 300°, 3%, 62% |
| HSV | 300°, 3%, 63% |
| XYZ | 33.1352, 34.0472, 38.6607 |
| YIQ | 158.0650, 1.3750, 2.6150 |

Conversions

Conversions Part 2

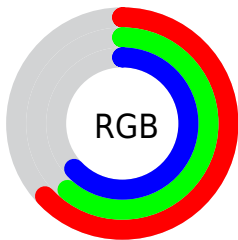
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 161, 156, 161 |
| Decimal | 10591393 |
| CIE _{Lab} | 65.00, 2.76, -1.97 |
| CIE _{LCh} | 65, 3.392, 324.544 |
| Yxy | 34.0472, 0.3131, 0.3217 |
| Android (android.graphics.Color) | 4288781473 (0xFFA19CA1) |
| YUV | 158.0650, 1.4470, 2.5740 |
| Hunter-Lab | 58.3500, -0.7476, 1.5614 |

Details

The CIELCh color $65, 3.392, 324.544$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 3.375, 144.338$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 3.854, 324.523$, and $45, 3.636, 324.631$ is the 20% darker color. If you saturate the color by 10%, you get $61, 14.400, 325.130$, and if you desaturate by 10%, it is $69, 7.450, 144.108$.

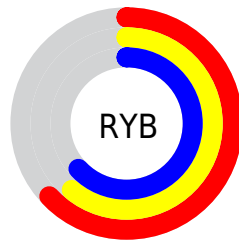
Distribution



Red (63%)

Green (61%)

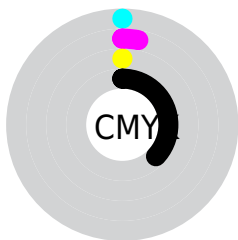
Blue (63%)



Red (63%)

Yellow (61%)

Blue (63%)

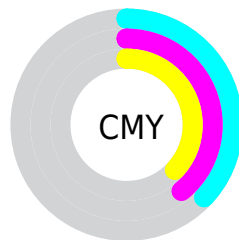


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 3.392, 324.544 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, 3.392, 324.544 by changing the saturation by 10% instead.

■ 65, 3.392, 324.544

■ 65, 3.392, 324.544

■ 100, 3.392,
324.544

■ 55, 3.392, 324.544

■ 85, 3.392, 324.544

■ 45, 3.392, 324.544

■ 95, 3.392, 324.544

■ 35, 3.392, 324.544

■ 25, 3.392, 324.544

■ 15, 3.392, 324.544

■ 5, 3.392, 324.544

■ 0, 3.392, 324.544

■ 65, 3.392, 324.544

■ 65, 3.392, 324.544

■ 61, 14.400,

■ 69, 7.450, 144.108

325.130

74, 18.042,
143.576

57, 25.453,
325.671

78, 28.339,
143.076

53, 36.359,
326.193

83, 38.322,
142.602

49, 46.857,
326.684

87, 47.985,
142.155

46, 56.606,
327.129

92, 57.334,
141.736

43, 65.210,
327.513

92, 58.467,
141.686

41, 72.262,
327.820

92, 58.467,
141.686

40, 77.438,
328.040

92, 58.467,
141.686

39, 80.601,
328.173

Harmonies

Complementary

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



65, 3.392, 324.544



66, 3.375, 144.338

Rectangle

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



65, 3.392, 324.544



65, 3.392, 14.544



65, 3.392, 144.544



65, 3.392, 194.544

Sweetspot

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



65, 3.390, 324.544



83, 1.355, 324.301



65, 2.787, 290.494



44, 0.769, 324.285



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 3.390, 324.544



82, 5.407, 324.612



65, 2.380, 343.753



33, 3.125, 324.648



34, 76.020, 328.233



2, 9.704, 324.439

Inverse Universe

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



65, 3.390, 324.544



82, 5.407, 324.612



66, 2.360, 163.550



33, 3.125, 324.648



34, 76.020, 328.233



2, 9.704, 324.439

Previews

White Background



This preview shows how the CIELCh color 65, 3.392, 324.544 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, 3.392, 324.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

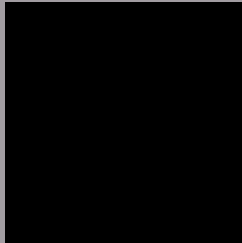
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 3.392, 324.544

Background



This preview shows how black text looks on a background with the CIELCh color 65, 3.392, 324.544.



This preview shows how white text looks on a background with the CIELCh color 65, 3.392, 324.544.

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, 3.392, 324.544

Protanopia

65, 2.896, 305.624

Deuteranopia

65, 8.548, 344.479



Tritanopia
65, 7.731, 310.713

Trichromacy



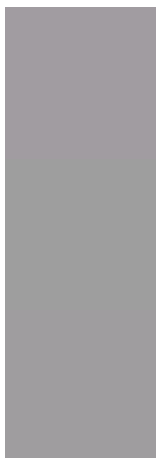
Original Color
65, 3.392, 324.544

Protanomaly
65, 3.022, 312.565

Deuteranomaly
65, 6.697, 338.440

Tritanomaly
65, 6.699, 313.932

Monochromacy



Original Color
65, 3.392, 324.544

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.362, 324.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 3.392, 324.544 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(161, 156, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 156, 161)  
}
```

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(161, 156, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 156, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 3.392, 324.544 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(161, 156, 161) }
```

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

```
.border{ border-color:rgb(161, 156, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 156, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 156, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 156, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 156,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 3.392, 324.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 156, 161) }
```

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

```
.background{ background-color: rgb(161,  
156, 161) }
```

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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