

Converting Colors

CIELCh(65, 3.917, 135.663)

Have a look what the booklet for
CIELCh(65, 3.917, 135.663) contains.

CIELCh(65, 3.676, 134.557)	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, 3.676, 134.557)

Conversions

Conversions Part 1

Format	Color
Hex	9B9F99
RGB	155, 159, 153
RGB Percent	61%, 62%, 60%
CMY	0.3923, 0.3766, 0.4001
CMYK	0.03, 0.00, 0.04, 0.38
HSL	100°, 3%, 61%
HSV	100°, 4%, 62%
XYZ	31.6489, 34.0472, 35.0245
YIQ	157.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

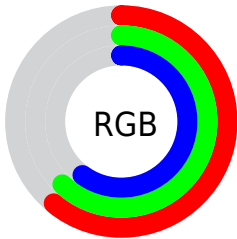
Format	Color
RYB	153, 159, 157
Decimal	10198937
CIELab	65.00, -2.58, 2.62
CIElCh	65, 3.676, 134.557
Yxy	34.0472, 0.3142, 0.3380
Android (android.graphics.Color)	4288389017 (0xFF9B9F99)
YUV	157.1200, -2.0312, -1.8592
Hunter-Lab	58.3500, -5.2943, 5.2562

Details

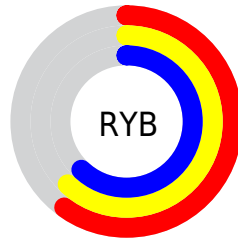
The CIELCh color $65, 3.676, 134.557$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 3.704, 314.788$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 4.110, 136.095$, and $45, 3.947, 134.480$ is the 20% darker color. If you saturate the color by 10%, you get $64, 13.488, 134.101$, and if you desaturate by 10%, it is $66, 6.047, 314.887$.

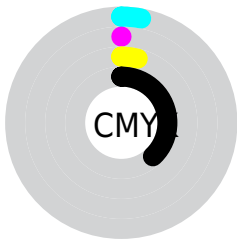
Distribution



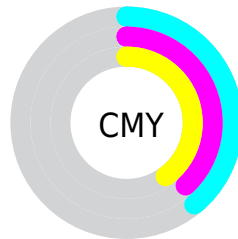
- Red (61%)
- Green (62%)
- Blue (60%)



- Red (60%)
- Yellow (62%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (40%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 3.676, 134.557 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, 3.676, 134.557 by changing the saturation by 10% instead.

■ 65, 3.676, 134.557

■ 65, 3.676, 134.557

■ 100, 3.676,
134.557

■ 55, 3.676, 134.557

■ 85, 3.676, 134.557

■ 45, 3.676, 134.557

■ 95, 3.676, 134.557

■ 35, 3.676, 134.557

■ 25, 3.676, 134.557

■ 15, 3.676, 134.557

■ 5, 3.676, 134.557

■ 0, 3.676, 134.557

■ 65, 3.676, 134.557

■ 65, 3.676, 134.557

■ 64, 13.488,

■ 66, 6.047, 314.887

134.101

68, 15.639,
315.245

63, 23.316,
133.621

69, 25.064,
315.549

62, 33.065,
133.110

71, 34.299,
315.813

61, 42.602,
132.587

72, 43.333,
316.041

60, 51.742,
132.088

74, 52.158,
316.238

59, 60.228,
131.676

75, 56.430,
318.334

59, 67.720,
131.445

76, 57.671,
321.750

58, 73.812,
131.513

78, 59.085,
325.065

58, 78.152,
131.991

Harmonies

Complementary

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



65, 3.676, 134.557



64, 3.704, 314.788

Rectangle

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



65, 3.676, 134.557



65, 3.676, 184.557



65, 3.676, 314.557



65, 3.676, 4.557

Sweetspot

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



65, 3.678, 134.563



83, 1.197, 134.781



65, 2.337, 90.585



44, 0.685, 134.793



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, 3.678, 134.563



82, 6.034, 134.498



65, 3.622, 149.236



33, 3.294, 134.477



52, 74.093, 132.220



3, 7.225, 135.227

Inverse Universe

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



64, 3.704, 314.788



80, 6.076, 314.851



64, 3.637, 329.544



32, 3.317, 314.872



25, 78.150, 316.544



1, 7.129, 313.555

Previews

White Background



This preview shows how the CIELCh color 65, 3.676, 134.557 looks on a white background.

Color Contrast Check

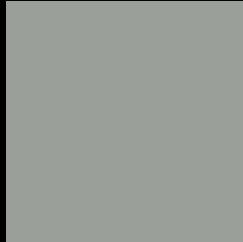
Large Text (above 18pt) WCAG AA × Fail

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, 3.676, 134.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

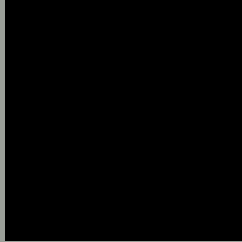
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

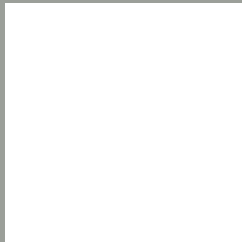
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 3.676, 134.557

Background



This preview shows how black text looks on a background with the CIELCh color 65, 3.676, 134.557.



This preview shows how white text looks on a background with the CIELCh color 65, 3.676, 134.557.

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, 3.676, 134.557

Protanopia

65, 3.368, 74.593

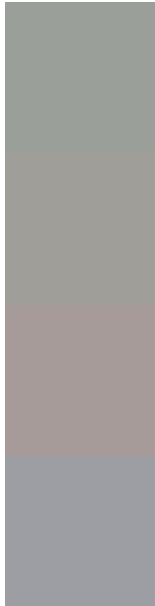
Deuteranopia

65, 8.693, 12.890



Tritanopia
65, 6.675, 290.891

Trichromacy



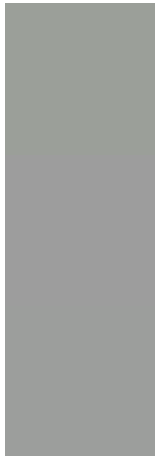
Original Color
65, 3.676, 134.557

Protanomaly
65, 3.337, 103.138

Deuteranomaly
65, 4.701, 26.491

Tritanomaly
65, 2.871, 275.323

Monochromacy



Original Color
65, 3.676, 134.557

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.349, 144.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 3.676, 134.557 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(155, 159, 153)` looks like.

```
.text, #text, p{  
    color:rgb(155, 159, 153)  
}
```

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(155, 159, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 159, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 3.676, 134.557 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(155, 159, 153) }
```

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

```
.border{ border-color:rgb(155, 159, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 159, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 159, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 159, 153);  
box-shadow:4px 4px 4px 4px rgb(155, 159,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 3.676, 134.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 159, 153) }
```

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

```
.background{ background-color: rgb(155,  
159, 153) }
```

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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