

Converting Colors

CIELCh(75, 1.859, 354.701)

Have a look what the booklet for
CIELCh(75, 1.859, 354.701) contains.

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Color

CIELCh(75, 1.592, 359.414)

Conversions

Conversions Part 1

Format	Color
Hex	BCB8B9
RGB	188, 184, 185
RGB Percent	74%, 72%, 73%
CMY	0.2641, 0.2797, 0.2758
CMYK	0.00, 0.02, 0.02, 0.26
HSL	345°, 3%, 73%
HSV	345°, 2%, 74%
XYZ	46.4479, 48.2781, 52.5830
YIQ	185.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

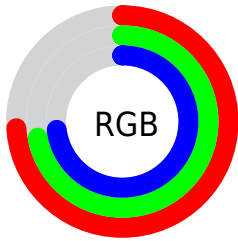
Format	Color
RYB	188, 184, 185
Decimal	12368057
CIELab	75.00, 1.59, -0.02
CIELCh	75, 1.592, 359.414
Yxy	48.2781, 0.3153, 0.3277
Android (android.graphics.Color)	4290558137 (0xFFBCB8B9)
YUV	185.3100, -0.1528, 2.3591
Hunter-Lab	69.4824, -2.2700, 3.7682

Details

The CIELCh color $75, 1.592, 359.414$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 1.571, 179.670$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 1.515, 359.290$, and $55, 1.693, 359.562$ is the 20% darker color. If you saturate the color by 10%, you get $70, 9.257, 0.678$, and if you desaturate by 10%, it is $80, 5.712, 178.986$.

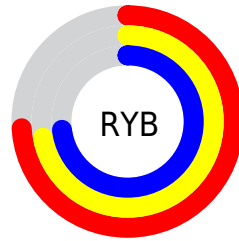
Distribution



Red (74%)

Green (72%)

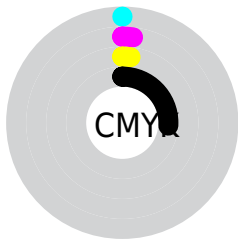
Blue (73%)



Red (74%)

Yellow (72%)

Blue (73%)

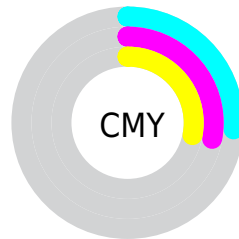


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 1.592, 359.414 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 75, 1.592, 359.414 by changing the saturation by 10% instead.

■ 75, 1.592, 359.414

■ 75, 1.592, 359.414

■ 100, 1.592,
359.414

■ 65, 1.592, 359.414

■ 95, 1.592, 359.414

■ 55, 1.592, 359.414

■ 45, 1.592, 359.414

■ 35, 1.592, 359.414

■ 25, 1.592, 359.414

■ 15, 1.592, 359.414

■ 5, 1.592, 359.414

■ 0, 1.592, 359.414

■ 75, 1.592, 359.414

■ 75, 1.592, 359.414

70, 9.257, 0.678

80, 5.712, 178.986

65, 17.260, 1.838

86, 12.649,
178.190

60, 25.523, 3.195

91, 19.236,
177.507

55, 33.904, 4.829

51, 42.178, 6.841

95, 23.670,
180.188

47, 50.036, 9.363

96, 21.785,
198.075

44, 57.129, 12.551

42, 63.177, 16.557

40, 68.119, 21.437

Harmonies

Complementary

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



75, 1.592, 359.414



76, 1.571, 179.670

Rectangle

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



75, 1.592, 359.414



75, 1.592, 49.414



75, 1.592, 179.414



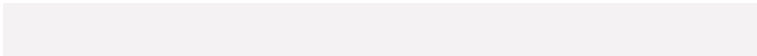
75, 1.592, 229.414

Sweetspot

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



75, 1.590, 359.457



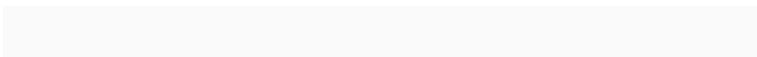
96, 0.927, 359.032



75, 2.444, 317.308



51, 0.527, 358.994



98, 0.011, 296.813



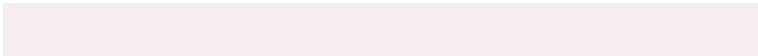
51, 0.007, 296.813

Same Dimension

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



75, 1.590, 359.457



95, 2.784, 359.631



75, 1.231, 44.917



39, 1.705, 359.733



33, 62.712, 24.777



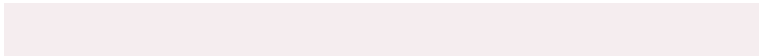
3, 12.672, 5.349

Inverse Universe

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



75, 1.590, 359.457



95, 2.784, 359.631



76, 1.222, 225.924



39, 1.705, 359.733



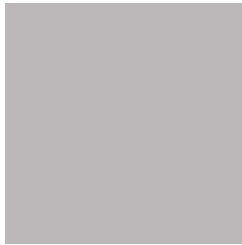
33, 62.712, 24.777



3, 12.672, 5.349

Previews

White Background



This preview shows how the CIELCh color 75, 1.592, 359.414 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 75, 1.592, 359.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

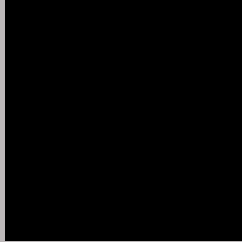
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

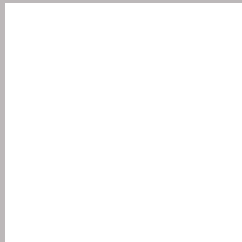
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 1.592, 359.414

Background



This preview shows how black text looks on a background with the CIELCh color 75, 1.592, 359.414.

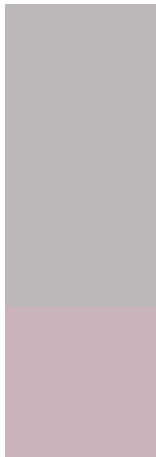


This preview shows how white text looks on a background with the CIELCh color 75, 1.592, 359.414.

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

75, 1.592, 359.414

Protanopia

75, 1.592, 359.414

Deuteranopia

75, 9.445, 356.701



Tritanopia
75, 8.020, 309.368

Trichromacy



Original Color

75, 1.592, 359.414

Protanomaly

75, 1.592, 359.414

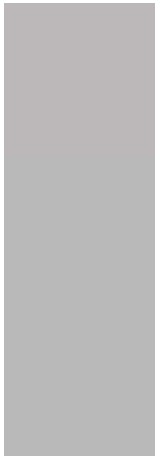
Deuteranomaly

75, 6.586, 355.789

Tritanomaly

75, 5.366, 314.829

Monochromacy



Original Color

75, 1.592, 359.414

Achromatopsia

75, 0.009, 296.813

Achromatomaly

75, 0.372, 18.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 1.592, 359.414 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(188, 184, 185)` looks like.

```
.text, #text, p{  
    color:rgb(188, 184, 185)  
}
```

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(188, 184, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 184, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 1.592, 359.414 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(188, 184, 185) }
```

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

```
.border{ border-color:rgb(188, 184, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 184, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 184, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 184, 185);  
box-shadow:4px 4px 4px 4px rgb(188, 184,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 1.592, 359.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 184, 185) }
```

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

```
.background{ background-color: rgb(188,  
184, 185) }
```

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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