

Converting Colors

CIELCh(75, 3.310, 240.105)

Have a look what the booklet for
CIELCh(75, 3.310, 240.105) contains.

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Color

CIELCh(75, 3.312, 240.137)

Conversions

Conversions Part 1

Format	Color
Hex	B3BABE
RGB	179, 186, 190
RGB Percent	70%, 73%, 75%
CMY	0.2990, 0.2715, 0.2558
CMYK	0.06, 0.02, 0.00, 0.26
HSL	202°, 8%, 72%
HSV	202°, 6%, 74%
XYZ	45.3105, 48.2781, 55.5068
YIQ	184.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

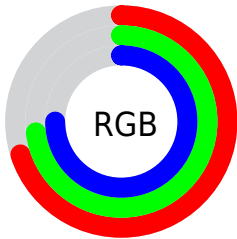
Format	Color
RYB	179, 183, 190
Decimal	11778750
CIELab	75.00, -1.65, -2.87
CIELCh	75, 3.312, 240.137
Yxy	48.2781, 0.3039, 0.3238
Android (android.graphics.Color)	4289968830 (0xFFB3BABE)
YUV	184.3630, 2.7790, -4.7034
Hunter-Lab	69.4824, -5.1918, 1.2733

Details

The CIELCh color $75, 3.312, 240.137$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 3.391, 58.767$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 3.162, 240.049$, and $55, 3.505, 240.312$ is the 20% darker color. If you saturate the color by 10%, you get $72, 8.873, 241.141$, and if you desaturate by 10%, it is $78, 2.426, 58.865$.

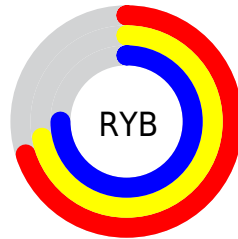
Distribution



Red (70%)

Green (73%)

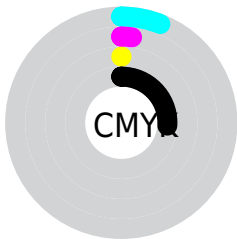
Blue (75%)



Red (70%)

Yellow (72%)

Blue (75%)

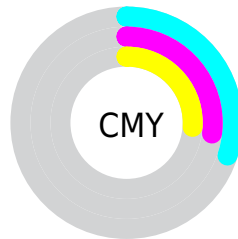


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (26%)



Cyan (30%)

Magenta (27%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 3.312, 240.137 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, 3.312, 240.137 by changing the saturation by 10% instead.

■ 75, 3.312, 240.137

■ 75, 3.312, 240.137

■ 100, 3.312,
240.137

■ 65, 3.312, 240.137

■ 95, 3.312, 240.137

■ 55, 3.312, 240.137

■ 45, 3.312, 240.137

■ 35, 3.312, 240.137

■ 25, 3.312, 240.137

■ 15, 3.312, 240.137

■ 5, 3.312, 240.137

■ 0, 3.312, 240.137

■ 75, 3.312, 240.137

■ 75, 3.312, 240.137

72, 8.873, 241.141

78, 2.426, 58.865

69, 14.209,
242.503

82, 8.295, 58.244

66, 19.269,
244.198

85, 14.259, 57.645

63, 24.001,
246.292

88, 20.288, 57.138

60, 28.367,
248.864

90, 20.846, 68.713

57, 32.353,
251.995

92, 22.137, 79.516

54, 35.984,
255.742

93, 24.122, 88.774

52, 39.337,
260.114

95, 26.636, 96.393

50, 42.551,
265.020

97, 29.531,
102.546

Harmonies

Complementary

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



75, 3.312, 240.137



75, 3.391, 58.767

Rectangle

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



75, 3.312, 240.137



75, 3.312, 290.137



75, 3.312, 60.137



75, 3.312, 110.137

Sweetspot

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



75, 3.312, 240.103



97, 1.429, 239.985



76, 5.631, 156.028



52, 0.819, 239.996



99, 0.012, 296.813



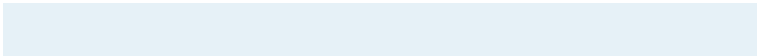
52, 0.007, 296.813

Same Dimension

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



75, 3.312, 240.103



95, 4.950, 240.214



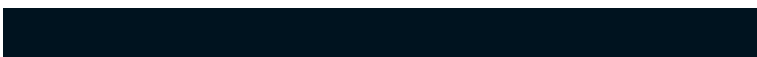
74, 5.097, 283.915



39, 2.572, 240.246



41, 38.025, 266.298



5, 10.126, 254.233

Inverse Universe

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



74, 5.608, 337.319



93, 8.409, 337.426



76, 5.041, 102.604



38, 4.373, 337.455



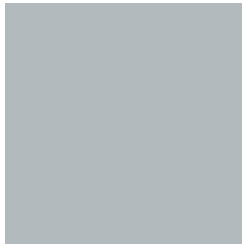
34, 62.374, 349.469



3, 15.274, 343.502

Previews

White Background



This preview shows how the CIE LCh color 75, 3.312, 240.137 looks on a white background.

Color Contrast Check

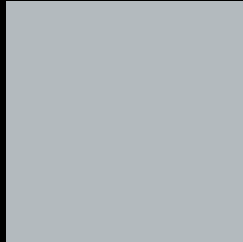
Large Text (above 18pt) WCAG AA × Fail

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, 3.312, 240.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

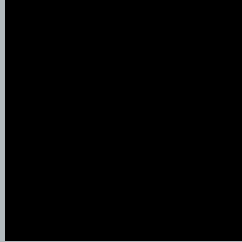
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

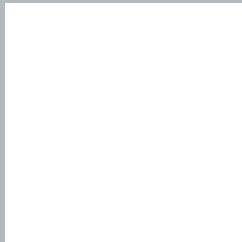
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 3.312, 240.137

Background



This preview shows how black text looks on a background with the CIELCh color 75, 3.312, 240.137.



This preview shows how white text looks on a background with the CIELCh color 75, 3.312, 240.137.

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, 3.312, 240.137

Protanopia

75, 3.101, 318.863

Deuteranopia

75, 9.886, 339.353



Tritanopia
75, 8.203, 280.928

Trichromacy



Original Color
75, 3.312, 240.137

Protanomaly
75, 2.707, 290.456

Deuteranomaly
75, 6.795, 327.284

Tritanomaly
75, 6.174, 273.827

Monochromacy



Original Color
75, 3.312, 240.137

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.225, 225.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 3.312, 240.137 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(179, 186, 190)` looks like.

```
.text, #text, p{  
    color:rgb(179, 186, 190)  
}
```

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(179, 186, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 186, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 3.312, 240.137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

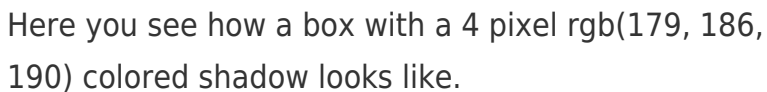
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 186, 190) }
```

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

```
.border{ border-color:rgb(179, 186, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 186, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 186, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 186, 190); box-shadow:4px 4px 4px 4px rgb(179, 186, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 3.312, 240.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 186, 190) }
```

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

```
.background{ background-color: rgb(179,  
186, 190) }
```

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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