

Converting Colors

CIELCh(73, 1.826, 32.128)

Have a look what the booklet for
CIELCh(73, 1.826, 32.128) contains.

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Color

CIELCh(73, 1.950, 35.404)

Conversions

Conversions Part 1

Format	Color
Hex	B7B2B1
RGB	183, 178, 177
RGB Percent	72%, 70%, 69%
CMY	0.2818, 0.3014, 0.3053
CMYK	0.00, 0.03, 0.03, 0.28
HSL	10°, 4%, 71%
HSV	10°, 3%, 72%
XYZ	43.4632, 45.1644, 48.0982
YIQ	179.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

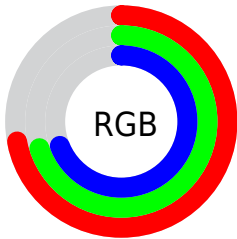
Format	Color
RYB	183, 178, 177
Decimal	12038833
CIELab	73.00, 1.59, 1.13
CIElCh	73, 1.950, 35.404
Yxy	45.1644, 0.3179, 0.3303
Android (android.graphics.Color)	4290228913 (0xFFB7B2B1)
YUV	179.3810, -1.1738, 3.1739
Hunter-Lab	67.2044, -2.1664, 4.6093

Details

The CIELCh color `73, 1.950, 35.404` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74, 1.913, 216.042`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 1.849, 35.332`, and `53, 2.087, 35.471` is the 20% darker color. If you saturate the color by 10%, you get `69, 8.231, 35.663`, and if you desaturate by 10%, it is `77, 3.850, 215.953`.

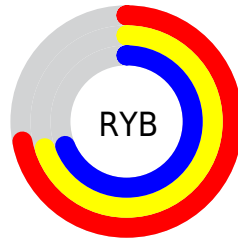
Distribution



Red (72%)

Green (70%)

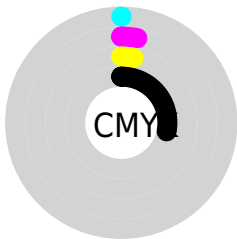
Blue (69%)



Red (72%)

Yellow (70%)

Blue (69%)

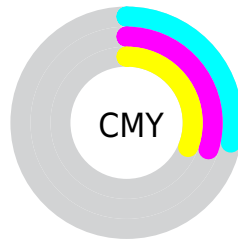


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (30%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 1.950, 35.404 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 73, 1.950, 35.404 by changing the saturation by 10% instead.

■ 73, 1.950, 35.404

■ 73, 1.950, 35.404

■ 100, 1.950, 35.404

■ 63, 1.950, 35.404

■ 93, 1.950, 35.404

■ 53, 1.950, 35.404

■ 43, 1.950, 35.404

■ 33, 1.950, 35.404

■ 23, 1.950, 35.404

■ 13, 1.950, 35.404

■ 3, 1.950, 35.404

■ 0, 1.950, 35.404

■ 73, 1.950, 35.404

■ 73, 1.950, 35.404

69, 8.231, 35.663

77, 3.850, 215.953

64, 15.040, 35.811

82, 9.217, 216.035

60, 22.414, 36.100

87, 14.202,
216.224

56, 30.364, 36.585

91, 18.849,
216.458

52, 38.866, 37.313

49, 47.829, 38.315

95, 22.893,
198.766

45, 57.047, 39.575

96, 23.091,
197.994

43, 66.078, 40.943

41, 73.947, 41.963

Harmonies

Complementary

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



73, 1.950, 35.404



74, 1.913, 216.042

Rectangle

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



73, 1.950, 35.404



73, 1.950, 85.404



73, 1.950, 215.404



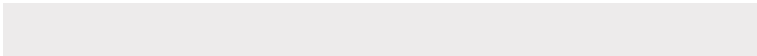
73, 1.950, 265.404

Sweetspot

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



73, 1.949, 35.463



93, 0.726, 34.880



73, 3.541, 329.507



50, 0.416, 34.833



97, 0.011, 296.813



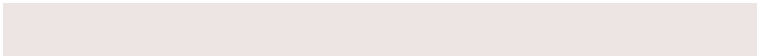
50, 0.007, 296.813

Same Dimension

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



73, 1.949, 35.463



92, 2.946, 35.511



74, 2.274, 90.629



38, 1.699, 35.536



33, 69.050, 42.724



3, 9.502, 30.883

Inverse Universe

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



74, 1.913, 216.042



93, 2.876, 216.000



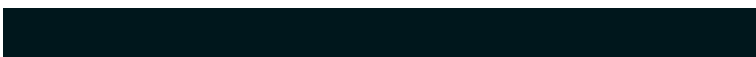
73, 2.288, 271.626



38, 1.652, 215.979



50, 30.098, 227.919



6, 8.644, 223.822

Previews

White Background



This preview shows how the CIELCh color 73, 1.950, 35.404 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 73, 1.950, 35.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

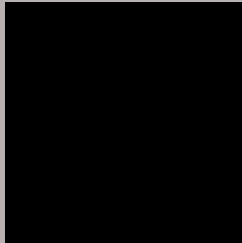
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

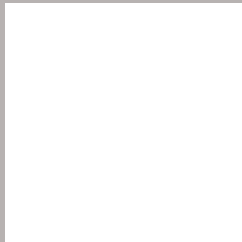
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 1.950, 35.404

Background



This preview shows how black text looks on a background with the CIELCh color 73, 1.950, 35.404.



This preview shows how white text looks on a background with the CIELCh color 73, 1.950, 35.404.

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


73, 1.950, 35.404

Protanopia

73, 1.950, 35.404

Deuteranopia

73, 9.524, 3.729



Tritanopia
73, 8.336, 314.180

Trichromacy



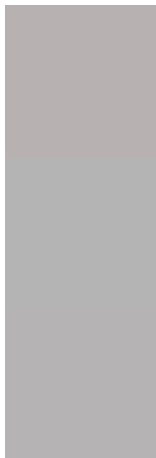
Original Color
73, 1.950, 35.404

Protanomaly
73, 1.950, 35.404

Deuteranomaly
73, 6.648, 5.793

Tritanomaly
73, 5.091, 321.164

Monochromacy



Original Color
73, 1.950, 35.404

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.748, 18.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 1.950, 35.404 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(183, 178, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 178, 177)  
}
```

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(183, 178, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 178, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 1.950, 35.404 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(183, 178, 177) }
```

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

```
.border{ border-color:rgb(183, 178, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 178, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 178, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 178, 177);  
box-shadow:4px 4px 4px 4px rgb(183, 178,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 1.950, 35.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 178, 177) }
```

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

```
.background{ background-color: rgb(183,  
178, 177) }
```

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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