

Converting Colors

CIELCh(73, 0.611, 200.188)

Have a look what the booklet for
CIELCh(73, 0.611, 200.188) contains.

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Color

CIELCh(73, 0.742, 200.032)

Conversions

Conversions Part 1

Format	Color
Hex	B2B4B4
RGB	178, 180, 180
RGB Percent	70%, 71%, 71%
CMY	0.3036, 0.2958, 0.2958
CMYK	0.01, 0.00, 0.00, 0.30
HSL	180°, 1%, 70%
HSV	180°, 1%, 70%
XYZ	42.6938, 45.1644, 49.4211
YIQ	179.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

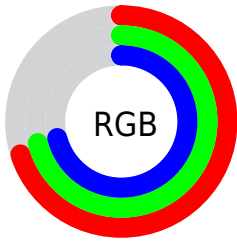
Format	Color
RYB	178, 179, 180
Decimal	11711668
CIELab	73.00, -0.70, -0.25
CIELCh	73, 0.742, 200.032
Yxy	45.1644, 0.3110, 0.3290
Android (android.graphics.Color)	4289901748 (0xFFB2B4B4)
YUV	179.4020, 0.2948, -1.2296
Hunter-Lab	67.2044, -4.2099, 3.4422

Details

The CIELCh color $73, 0.742, 200.032$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 0.750, 18.671$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 0.705, 200.244$, and $53, 0.790, 199.821$ is the 20% darker color. If you saturate the color by 10%, you get $72, 7.246, 198.751$, and if you desaturate by 10%, it is $74, 6.043, 19.703$.

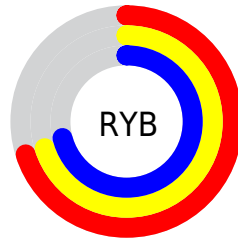
Distribution



Red (70%)

Green (71%)

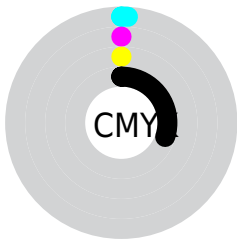
Blue (71%)



Red (70%)

Yellow (70%)

Blue (71%)

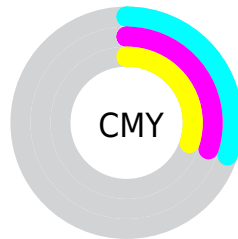


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (30%)



Cyan (30%)

Magenta (30%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 0.742, 200.032 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, 0.742, 200.032 by changing the saturation by 10% instead.

■ 73, 0.742, 200.032

■ 73, 0.742, 200.032

■ 100, 0.742,
200.032

■ 63, 0.742, 200.032

■ 93, 0.742, 200.032

■ 53, 0.742, 200.032

■ 43, 0.742, 200.032

■ 33, 0.742, 200.032

■ 23, 0.742, 200.032

■ 13, 0.742, 200.032

■ 3, 0.742, 200.032

■ 0, 0.742, 200.032

■ 73, 0.742, 200.032

■ 73, 0.742, 200.032

72, 7.246, 198.751

74, 6.043, 19.703

71, 13.371,
198.218

76, 13.027, 20.340

69, 19.014,
197.752

78, 20.138, 20.962

69, 24.069,
197.343

80, 27.318, 21.587

68, 28.438,
196.994

80, 29.556, 21.736

67, 32.041,
196.708

80, 29.554, 21.709

67, 34.830,
196.485

80, 29.551, 21.655

67, 36.795,
196.323

66, 37.982,
196.217

Harmonies

Complementary

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



73, 0.742, 200.032



73, 0.750, 18.671

Rectangle

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



73, 0.742, 200.032



73, 0.742, 250.032



73, 0.742, 20.032



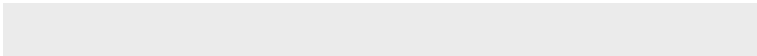
73, 0.742, 70.032

Sweetspot

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



73, 0.743, 199.904



93, 0.011, 296.813



73, 1.311, 144.119



49, 0.007, 296.813



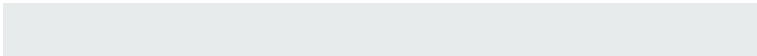
96, 0.011, 296.813

Same Dimension

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



73, 0.743, 199.904



93, 0.828, 199.975



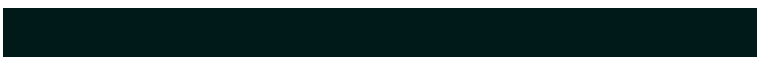
73, 0.653, 254.260



38, 0.376, 200.049



57, 34.262, 196.160



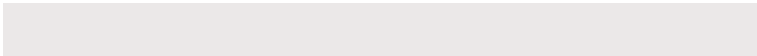
7, 9.139, 198.921

Inverse Universe

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



73, 0.750, 18.671



92, 0.836, 18.600



73, 0.642, 72.915



38, 0.379, 18.527



31, 70.874, 39.467



2, 9.156, 19.308

Previews

White Background



This preview shows how the CIELCh color 73, 0.742, 200.032 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, 0.742, 200.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

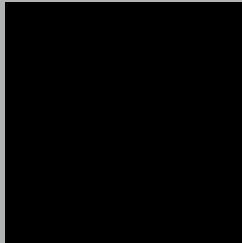
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

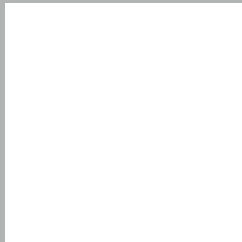
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 0.742, 200.032

Background



This preview shows how black text looks on a background with the CIELCh color 73, 0.742, 200.032.

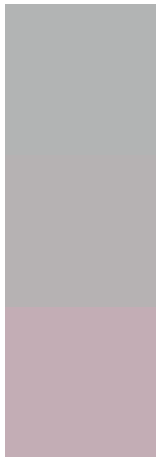


This preview shows how white text looks on a background with the CIELCh color 73, 0.742, 200.032.

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, 0.742, 200.032

Protanopia

73, 1.601, 359.429

Deuteranopia

73, 9.382, 352.711



Tritanopia
73, 7.623, 293.637

Trichromacy



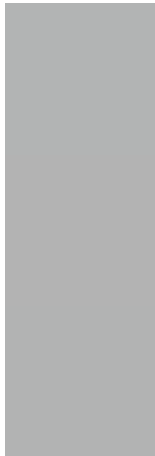
Original Color
73, 0.742, 200.032

Protanomaly
73, 0.374, 18.080

Deuteranomaly
73, 5.943, 352.727

Tritanomaly
73, 4.357, 285.797

Monochromacy



Original Color
73, 0.742, 200.032

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.371, 200.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 0.742, 200.032 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(178, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(178, 180, 180)  
}
```

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(178, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 180, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 0.742, 200.032 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(178, 180, 180) }
```

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

```
.border{ border-color:rgb(178, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(178, 180,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 0.742, 200.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 180, 180) }
```

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

```
.background{ background-color: rgb(178,  
180, 180) }
```

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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