

Converting Colors

CIELCh(73, 2.296, 115.605)

Have a look what the booklet for
CIELCh(73, 2.296, 115.605) contains.

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Color

CIELCh(73, 2.729, 117.814)

Conversions

Conversions Part 1

Format	Color
Hex	B3B4AF
RGB	179, 180, 175
RGB Percent	70%, 71%, 69%
CMY	0.2991, 0.2952, 0.3148
CMYK	0.01, 0.00, 0.03, 0.30
HSL	72°, 3%, 69%
HSV	72°, 3%, 70%
XYZ	42.5013, 45.1644, 46.8920
YIQ	179.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

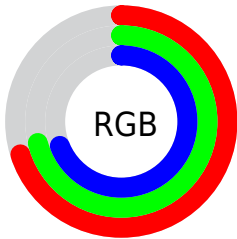
Format	Color
RYB	175, 180, 176
Decimal	11777199
CIELab	73.00, -1.27, 2.41
CIELCh	73, 2.729, 117.814
Yxy	45.1644, 0.3159, 0.3357
Android (android.graphics.Color)	4289967279 (0xFFB3B4AF)
YUV	179.1310, -2.0366, -0.1149
Hunter-Lab	67.2044, -4.7211, 5.6734

Details

The CIELCh color $73, 2.729, 117.814$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 2.763, 298.197$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 3.102, 116.524$, and $53, 2.341, 119.734$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.560, 117.159$, and if you desaturate by 10%, it is $74, 7.114, 298.479$.

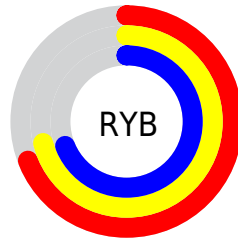
Distribution



Red (70%)

Green (71%)

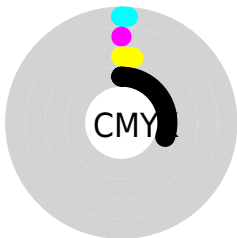
Blue (69%)



Red (69%)

Yellow (71%)

Blue (69%)

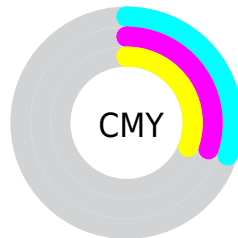


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (30%)



Cyan (30%)

Magenta (30%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 2.729, 117.814 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, 2.729, 117.814 by changing the saturation by 10% instead.

■ 73, 2.729, 117.814

■ 73, 2.729, 117.814

■ 100, 2.729,
117.814

■ 63, 2.729, 117.814

■ 93, 2.729, 117.814

■ 53, 2.729, 117.814

■ 43, 2.729, 117.814

■ 33, 2.729, 117.814

■ 23, 2.729, 117.814

■ 13, 2.729, 117.814

■ 3, 2.729, 117.814

■ 0, 2.729, 117.814

■ 73, 2.729, 117.814

■ 73, 2.729, 117.814

72, 12.560,
117.159

74, 7.114, 298.479

72, 22.319,
116.475

75, 16.936,
299.101

71, 31.929,
115.798

75, 26.708,
299.688

70, 41.271,
115.151

76, 36.410,
300.240

70, 50.168,
114.572

77, 40.981,
301.343

70, 58.354,
114.115

77, 41.140,
302.952

69, 65.463,
113.852

78, 41.329,
304.563

69, 71.052,
113.872

78, 41.547,
306.172

69, 74.741,

78, 41.796,
307.776

Harmonies

Complementary

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



73, 2.729, 117.814



72, 2.763, 298.197

Rectangle

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



73, 2.729, 117.814



73, 2.729, 167.814



73, 2.729, 297.814



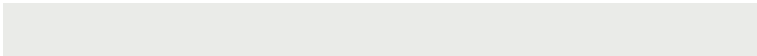
73, 2.729, 347.814

Sweetspot

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



73, 2.731, 117.835



93, 1.212, 117.958



72, 1.594, 39.106



49, 0.688, 117.962



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



73, 2.731, 117.835



93, 3.657, 117.816



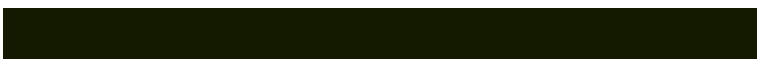
73, 3.019, 135.676



38, 2.212, 117.771



59, 67.884, 114.576



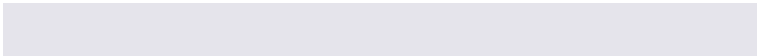
8, 13.598, 121.156

Inverse Universe

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



72, 2.763, 298.197



91, 3.700, 298.215



72, 3.041, 315.793



37, 2.239, 298.263



18, 89.876, 307.363



1, 13.411, 296.246

Previews

White Background



This preview shows how the CIELCh color 73, 2.729, 117.814 looks on a white background.

Color Contrast Check

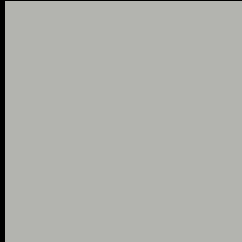
Large Text (above 18pt) WCAG AA × Fail

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, 2.729, 117.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

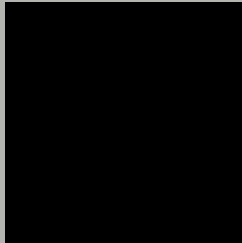
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

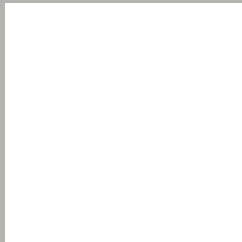
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 2.729, 117.814

Background



This preview shows how black text looks on a background with the CIELCh color 73, 2.729, 117.814.



This preview shows how white text looks on a background with the CIELCh color 73, 2.729, 117.814.

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, 2.729, 117.814

Protanopia

73, 2.859, 68.492

Deuteranopia

73, 9.309, 10.155



Tritanopia
73, 7.773, 301.695

Trichromacy



Original Color
73, 2.729, 117.814

Protanomaly
73, 2.797, 94.221

Deuteranomaly
73, 5.722, 14.389

Tritanomaly
73, 3.889, 301.473

Monochromacy



Original Color
73, 2.729, 117.814

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.075, 110.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 2.729, 117.814 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, 180, 175)` looks like.

```
.text, #text, p{  
    color:rgb(179, 180, 175)  
}
```

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, 180, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 180, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 2.729, 117.814 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, 180, 175) }
```

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

```
.border{ border-color:rgb(179, 180, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 180, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 180, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 180, 175);  
box-shadow:4px 4px 4px 4px rgb(179, 180,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 2.729, 117.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 180, 175) }
```

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

```
.background{ background-color: rgb(179,  
180, 175) }
```

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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