

Converting Colors

CIELCh(73, 2.923, 236.294)

Have a look what the booklet for
CIELCh(73, 2.923, 236.294) contains.

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Color

CIELCh(73, 2.720, 236.273)

Conversions

Conversions Part 1

Format	Color
Hex	AEB4B7
RGB	174, 180, 183
RGB Percent	68%, 71%, 72%
CMY	0.3169, 0.2934, 0.2816
CMYK	0.05, 0.02, 0.00, 0.28
HSL	200°, 6%, 70%
HSV	200°, 5%, 72%
XYZ	42.4224, 45.1644, 51.3835
YIQ	178.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

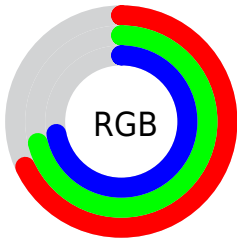
Format	Color
RYB	174, 178, 183
Decimal	11449527
CIELab	73.00, -1.51, -2.26
CIELCh	73, 2.720, 236.273
Yxy	45.1644, 0.3053, 0.3250
Android (android.graphics.Color)	4289639607 (0xFFFAEB4B7)
YUV	178.5480, 2.1948, -3.9886
Hunter-Lab	67.2044, -4.9308, 1.7109

Details

The CIELCh color $73, 2.720, 236.273$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 2.778, 55.109$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 2.878, 232.052$, and $53, 2.589, 241.568$ is the 20% darker color. If you saturate the color by 10%, you get $70, 8.098, 237.106$, and if you desaturate by 10%, it is $76, 2.848, 55.111$.

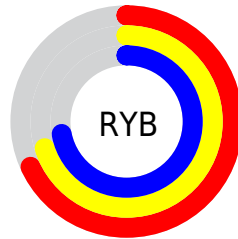
Distribution



Red (68%)

Green (71%)

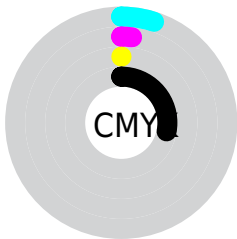
Blue (72%)



Red (68%)

Yellow (70%)

Blue (72%)

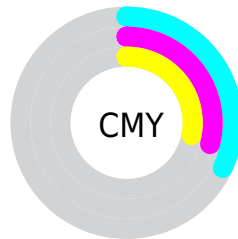


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 2.720, 236.273 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, 2.720, 236.273 by changing the saturation by 10% instead.

■ 73, 2.720, 236.273

■ 73, 2.720, 236.273

■ 100, 2.720,
236.273

■ 63, 2.720, 236.273

■ 93, 2.720, 236.273

■ 53, 2.720, 236.273

■ 43, 2.720, 236.273

■ 33, 2.720, 236.273

■ 23, 2.720, 236.273

■ 13, 2.720, 236.273

■ 3, 2.720, 236.273

■ 0, 2.720, 236.273

■ 73, 2.720, 236.273

■ 73, 2.720, 236.273

70, 8.098, 237.106

76, 2.848, 55.111

67, 13.234,
238.310

79, 8.560, 54.578

64, 18.070,
239.831

82, 14.377, 54.080

62, 22.551,
241.732

85, 20.265, 53.665

59, 26.629,
244.094

89, 23.112, 68.488

56, 30.277,
247.002

91, 24.153, 77.238

54, 33.507,
250.530

94, 27.694, 91.822

52, 36.379,
254.713

50, 39.020,
259.504

Harmonies

Complementary

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



73, 2.720, 236.273



73, 2.778, 55.109

Rectangle

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



73, 2.720, 236.273



73, 2.720, 286.273



73, 2.720, 56.273



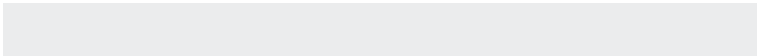
73, 2.720, 106.273

Sweetspot

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



73, 2.720, 236.232



93, 0.691, 236.536



74, 4.751, 154.698



50, 0.396, 236.576



97, 0.011, 296.813



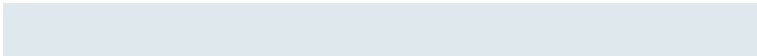
50, 0.007, 296.813

Same Dimension

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



73, 2.720, 236.232



92, 4.087, 236.306



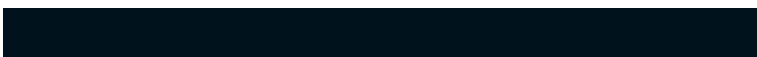
72, 4.045, 281.973



38, 2.192, 236.337



42, 35.520, 261.268



5, 8.851, 249.657

Inverse Universe

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



72, 4.719, 335.921



90, 7.113, 336.018



74, 4.006, 100.813



37, 3.820, 336.052



34, 62.699, 347.052



3, 13.687, 341.177

Previews

White Background



This preview shows how the CIELCh color 73, 2.720, 236.273 looks on a white background.

Color Contrast Check

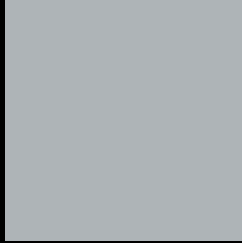
Large Text (above 18pt) WCAG AA × Fail

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, 2.720, 236.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

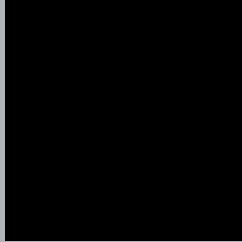
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

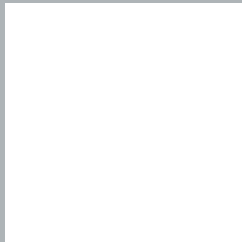
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 2.720, 236.273

Background



This preview shows how black text looks on a background with the CIELCh color 73, 2.720, 236.273.



This preview shows how white text looks on a background with the CIELCh color 73, 2.720, 236.273.

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

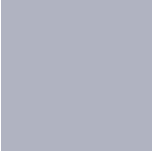
73, 2.720, 236.273

Protanopia

73, 2.461, 317.313

Deuteranopia

73, 9.596, 341.831



Tritanopia
73, 7.660, 282.820

Trichromacy



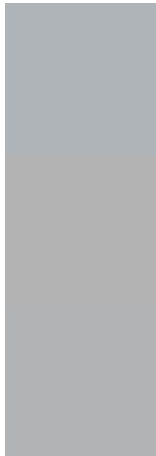
Original Color
73, 2.720, 236.273

Protanomaly
73, 1.636, 290.372

Deuteranomaly
73, 6.003, 333.539

Tritanomaly
73, 5.599, 275.700

Monochromacy



Original Color
73, 2.720, 236.273

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.311, 255.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 2.720, 236.273 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(174, 180, 183)` looks like.

```
.text, #text, p{  
    color:rgb(174, 180, 183)  
}
```

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(174, 180, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 180, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 2.720, 236.273 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(174, 180, 183) }
```

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

```
.border{ border-color:rgb(174, 180, 183) }
```

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

Here you see how a box with a 4 pixel rgb(174, 180, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 180, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 180, 183);  
box-shadow:4px 4px 4px 4px rgb(174, 180,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 2.720, 236.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 180, 183) }
```

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

```
.background{ background-color: rgb(174,  
180, 183) }
```

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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