

Converting Colors

CIELCh(72, 5.441, 322.365)

Have a look what the booklet for
CIELCh(72, 5.441, 322.365) contains.

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Color

CIELCh(72, 5.765, 321.595)

Conversions

Conversions Part 1

Format	Color
Hex	B6AEB7
RGB	182, 174, 183
RGB Percent	71%, 68%, 72%
CMY	0.2861, 0.3175, 0.2822
CMYK	0.01, 0.05, 0.00, 0.28
HSL	293°, 6%, 70%
HSV	293°, 5%, 72%
XYZ	42.9970, 43.6590, 50.9836
YIQ	177.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

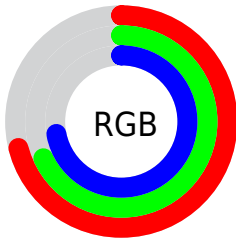
Format	Color
R_{YB}	182, 174, 183
Decimal	11972279
CIE _{Lab}	72.00, 4.52, -3.58
CIE _{LCh}	72, 5.765, 321.595
Y _{xy}	43.6590, 0.3124, 0.3172
Android (android.graphics.Color)	4290162359 (0xFFB6AEB7)
YUV	177.4180, 2.7519, 4.0184
Hunter-Lab	66.0750, 0.5243, 0.5042

Details

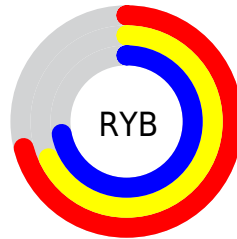
The CIELCh color $72, 5.765, 321.595$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 5.740, 141.198$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.111, 321.874$, and $52, 5.437, 321.253$ is the 20% darker color. If you saturate the color by 10%, you get $67, 17.607, 322.096$, and if you desaturate by 10%, it is $77, 5.883, 141.201$.

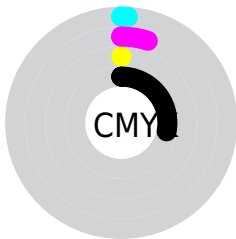
Distribution



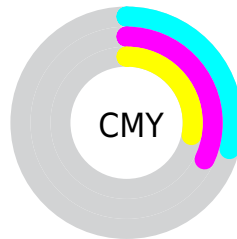
- Red (71%)
- Green (68%)
- Blue (72%)



- Red (71%)
- Yellow (68%)
- Blue (72%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.765, 321.595 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 72, 5.765, 321.595 by changing the saturation by 10% instead.

■ 72, 5.765, 321.595

■ 72, 5.765, 321.595

■ 100, 5.765,
321.595

■ 62, 5.765, 321.595

■ 92, 5.765, 321.595

■ 52, 5.765, 321.595

■ 42, 5.765, 321.595

■ 32, 5.765, 321.595

■ 22, 5.765, 321.595

■ 12, 5.765, 321.595

■ 2, 5.765, 321.595

■ 0, 5.765, 321.595

■ 72, 5.765, 321.595

■ 72, 5.765, 321.595

67, 17.607,
322.096

77, 5.883, 141.201

62, 29.528,
322.575

82, 17.258,
140.727

58, 41.338,
323.034

87, 28.324,
140.294

54, 52.766,
323.455

92, 39.064,
139.889

50, 63.443,
323.814

94, 43.278,
139.298

46, 72.912,
324.082

95, 42.891,
138.542

44, 80.679,
324.228

95, 42.510,
137.767

42, 86.319,
324.226

95, 42.136,
136.972

40, 89.633,

95, 41.768,
136.158

Harmonies

Complementary

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



72, 5.765, 321.595



74, 5.740, 141.198

Rectangle

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



72, 5.765, 321.595



72, 5.765, 11.595



72, 5.765, 141.595



72, 5.765, 191.595

Sweetspot

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



72, 5.763, 321.594



93, 1.450, 321.266



72, 4.348, 285.533



50, 0.831, 321.254



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 5.763, 321.594



90, 8.689, 321.657



72, 4.549, 338.144



37, 4.666, 321.680



34, 80.504, 323.990



3, 17.849, 320.024

Inverse Universe

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



72, 3.448, 10.500



90, 5.214, 10.629



74, 4.522, 157.580



37, 2.803, 10.675



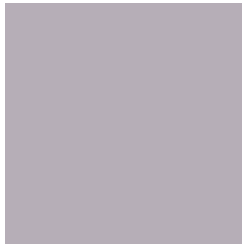
32, 67.594, 34.606



2, 10.729, 12.675

Previews

White Background



This preview shows how the CIELCh color 72, 5.765, 321.595 looks on a white background.

Color Contrast Check

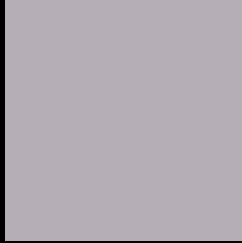
Large Text (above 18pt) WCAG AA × Fail

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 72, 5.765, 321.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

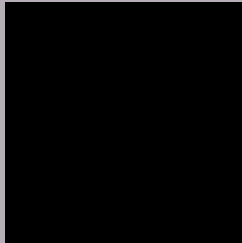
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

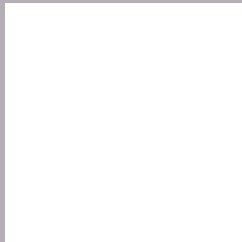
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.765, 321.595

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.765, 321.595.



This preview shows how white text looks on a background with the CIELCh color 72, 5.765, 321.595.

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


72, 5.765, 321.595

Protanopia

72, 4.975, 299.164

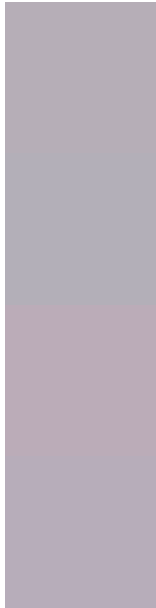
Deuteranopia

72, 10.055, 335.587



Tritanopia
72, 8.516, 316.474

Trichromacy



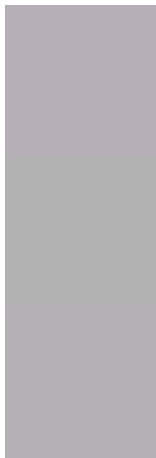
Original Color
72, 5.765, 321.595

Protanomaly
72, 5.144, 307.311

Deuteranomaly
72, 8.636, 330.987

Tritanomaly
72, 8.031, 318.157

Monochromacy



Original Color
72, 5.765, 321.595

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.997, 324.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.765, 321.595 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(182, 174, 183)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 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(182, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.765, 321.595 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(182, 174, 183) }
```

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

```
.border{ border-color:rgb(182, 174, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 174, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.765, 321.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 183) }
```

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

```
.background{ background-color: rgb(182,  
174, 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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