

Converting Colors

CIELCh(72, 31.278, 325.706)

Have a look what the booklet for
CIELCh(72, 31.278, 325.706)
contains.

CIELCh(72, 31.256, 325.686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 31.256, 325.686)

Conversions

Conversions Part 1

Format	Color
Hex	D1A1D1
RGB	209, 161, 209
RGB Percent	82%, 63%, 82%
CMY	0.1803, 0.3685, 0.1803
CMYK	0.00, 0.23, 0.00, 0.18
HSL	300°, 34%, 73%
HSV	300°, 23%, 82%
XYZ	50.5592, 43.6590, 66.0967
YIQ	180.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

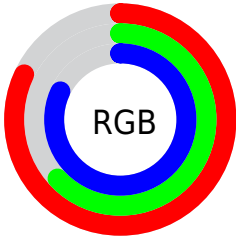
Format	Color
R _Y B	209, 161, 209
Decimal	13738449
CIE Lab	72.00, 25.82, -17.62
CIE LCh	72, 31.256, 325.686
Yxy	43.6590, 0.3154, 0.2723
Android (android.graphics.Color)	4291928529 (0xFFD1A1D1)
YUV	180.8240, 13.8908, 24.7104
Hunter-Lab	66.0750, 20.9534, -13.0570

Details

The CIELCh color $72, 31.256, 325.686$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 31.238, 142.935$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 24.429, 325.275$, and $52, 30.977, 325.987$ is the 20% darker color. If you saturate the color by 10%, you get $67, 44.712, 326.217$, and if you desaturate by 10%, it is $77, 17.602, 325.136$.

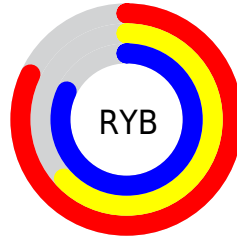
Distribution



Red (82%)

Green (63%)

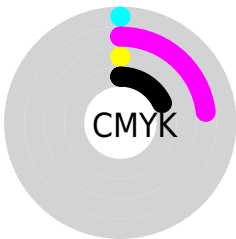
Blue (82%)



Red (82%)

Yellow (63%)

Blue (82%)

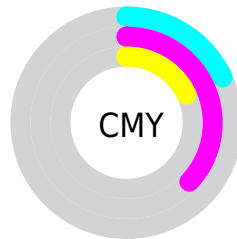


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (18%)



Cyan (18%)


Magenta (37%)

Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 31.256, 325.686 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, 31.256, 325.686 by changing the saturation by 10% instead.


 72, 31.256,
325.686


 72, 31.256,
325.686


 100, 31.256,
325.686


 62, 31.256,
325.686


 92, 31.256,
325.686

 52, 31.256,
325.686

 42, 31.256,
325.686

 32, 31.256,
325.686

 22, 31.256,
325.686

 12, 31.256,
325.686

 2, 31.256, 325.686

■ 0, 31.256, 325.686

■ 72, 31.256,
325.686

■ 72, 31.256,
325.686

■ 67, 44.712,
326.217

■ 77, 17.602,
325.136

■ 63, 57.638,
326.715

■ 82, 4.002, 324.537

■ 59, 69.591,
327.164

■ 88, 9.383, 144.093

■ 56, 80.058,
327.548

■ 93, 22.454,
143.552

■ 53, 88.524,
327.851

■ 96, 28.801,
143.297

■ 51, 94.593,
328.064

■ 96, 28.801,
143.297

■ 96, 28.801,

■ 50, 98.133,
328.186

143.297

■ 50, 99.475,
328.232

■ 96, 28.801,
143.297

■ 96, 28.801,
143.297

Harmonies

Complementary

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



72, 31.256, 325.686



79, 31.238, 142.935

Rectangle

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



72, 31.256, 325.686



72, 31.256, 15.686



72, 31.256, 145.686



72, 31.256, 195.686

Sweetspot

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



72, 31.254, 325.686



96, 11.135, 324.801



68, 26.033, 292.194



51, 7.237, 324.836



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 31.254, 325.686



83, 44.738, 325.974



71, 22.466, 344.766



41, 7.693, 324.935



40, 84.660, 328.232



6, 31.113, 327.824

Inverse Universe

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



71, 19.027, 21.121



81, 27.825, 21.705



80, 21.882, 160.749



41, 4.460, 19.927



35, 76.455, 39.864



4, 20.018, 19.467

Previews

White Background



This preview shows how the CIELCh color 72, 31.256, 325.686 looks on a white background.

Color Contrast Check

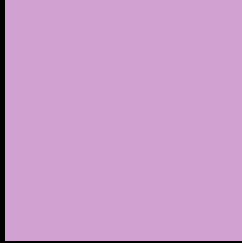
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 31.256, 325.686 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, 31.256, 325.686

Background



This preview shows how black text looks on a background with the CIELCh color 72, 31.256, 325.686.

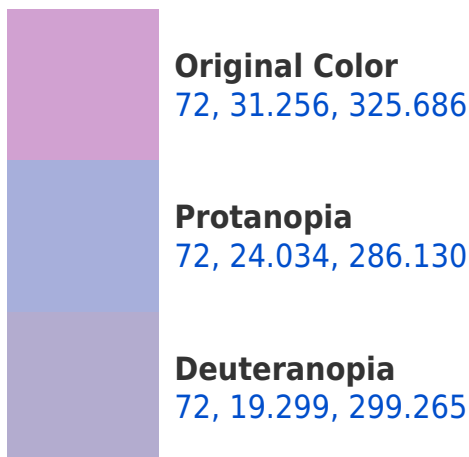


This preview shows how white text looks on a background with the CIELCh color 72, 31.256, 325.686.

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





Tritanopia
72, 16.428, 355.570

Trichromacy



Original Color
72, 31.256, 325.686

Protanomaly
72, 24.981, 301.973

Deuteranomaly
72, 23.264, 311.646

Tritanomaly
72, 21.064, 339.310

Monochromacy



Original Color
72, 31.256, 325.686

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 11.208, 324.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 31.256, 325.686 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(209, 161, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 161, 209)  
}
```

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(209, 161, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 161, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 31.256, 325.686 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(209, 161, 209) }
```

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

```
.border{ border-color:rgb(209, 161, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 161, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 161, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 161, 209); box-shadow:4px 4px 4px 4px rgb(209, 161, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 31.256, 325.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 161, 209) }
```

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

```
.background{ background-color: rgb(209,  
161, 209) }
```

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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