

Converting Colors

CIELCh(72, 3.540, 146.317)

Have a look what the booklet for
CIELCh(72, 3.540, 146.317) contains.

CIELCh(72, 3.544, 149.266)	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, 3.544, 149.266)

Conversions

Conversions Part 1

Format	Color
Hex	ACB2AD
RGB	172, 178, 173
RGB Percent	67%, 70%, 68%
CMY	0.3253, 0.3017, 0.3213
CMYK	0.03, 0.00, 0.03, 0.30
HSL	130°, 4%, 69%
HSV	130°, 3%, 70%
XYZ	40.5048, 43.6590, 45.8551
YIQ	175.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

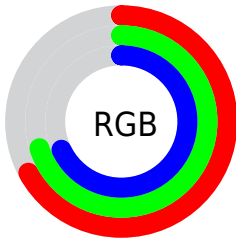
Format	Color
RYB	172, 177, 178
Decimal	11317933
CIELab	72.00, -3.05, 1.81
CIELCh	72, 3.544, 149.266
Yxy	43.6590, 0.3115, 0.3358
Android (android.graphics.Color)	4289508013 (0xFFACB2AD)
YUV	175.6360, -1.2995, -3.1888
Hunter-Lab	66.0750, -6.2084, 5.1061

Details

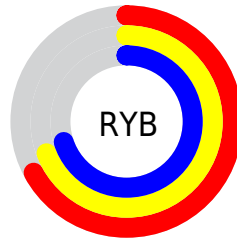
The CIELCh color $72, 3.544, 149.266$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 3.562, 329.512$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 3.993, 148.515$, and $52, 3.077, 150.360$ is the 20% darker color. If you saturate the color by 10%, you get $70, 14.171, 148.543$, and if you desaturate by 10%, it is $74, 6.930, 329.718$.

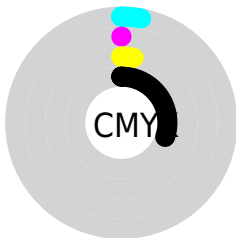
Distribution



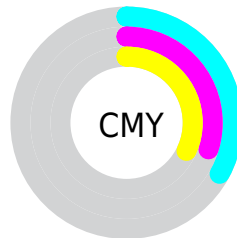
- Red (67%)
- Green (70%)
- Blue (68%)



- Red (67%)
- Yellow (69%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.544, 149.266 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, 3.544, 149.266 by changing the saturation by 10% instead.

■ 72, 3.544, 149.266

■ 72, 3.544, 149.266

■ 100, 3.544,
149.266

■ 62, 3.544, 149.266

■ 92, 3.544, 149.266

■ 52, 3.544, 149.266

■ 42, 3.544, 149.266

■ 32, 3.544, 149.266

■ 22, 3.544, 149.266

■ 12, 3.544, 149.266

■ 2, 3.544, 149.266

■ 0, 3.544, 149.266

■ 72, 3.544, 149.266

■ 72, 3.544, 149.266

70, 14.171,
148.543

74, 6.930, 329.718

69, 24.836,
147.764

76, 17.179,
330.237

68, 35.396,
146.865

78, 27.152,
330.674

66, 45.670,
145.828

80, 36.819,
331.054

65, 55.440,
144.640

82, 44.998,
329.067

65, 64.464,
143.303

82, 48.164,
326.090

64, 72.491,
141.841

64, 79.272,
140.308

63, 84.588,

138.801

Harmonies

Complementary

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



72, 3.544, 149.266



71, 3.562, 329.512

Rectangle

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



72, 3.544, 149.266



72, 3.544, 199.266



72, 3.544, 329.266



72, 3.544, 19.266

Sweetspot

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



72, 3.546, 149.264



92, 1.295, 149.587



72, 3.270, 115.812



49, 0.742, 149.605



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 3.546, 149.264



91, 5.221, 149.207



72, 2.521, 172.459



37, 2.988, 149.162



55, 77.731, 138.132



7, 14.875, 148.161

Inverse Universe

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



71, 3.562, 329.512



90, 5.242, 329.566



71, 2.549, 352.726



37, 2.999, 329.610



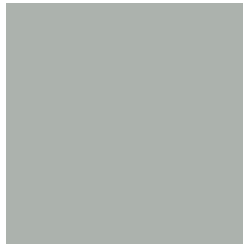
35, 69.434, 336.054



2, 13.751, 331.920

Previews

White Background



This preview shows how the CIELCh color 72, 3.544, 149.266 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, 3.544, 149.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

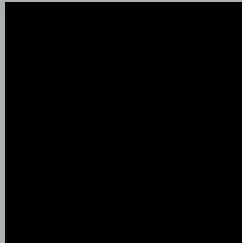
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

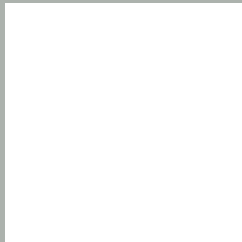
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.544, 149.266

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.544, 149.266.



This preview shows how white text looks on a background with the CIELCh color 72, 3.544, 149.266.

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, 3.544, 149.266

Protanopia

72, 2.865, 68.488

Deuteranopia

72, 9.045, 6.310



Tritanopia
72, 7.085, 287.943

Trichromacy



Original Color
72, 3.544, 149.266

Protanomaly
72, 2.729, 101.925

Deuteranomaly
72, 4.556, 19.685

Tritanomaly
72, 3.433, 271.803

Monochromacy



Original Color
72, 3.544, 149.266

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.320, 144.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.544, 149.266 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(172, 178, 173)` looks like.

```
.text, #text, p{  
    color:rgb(172, 178, 173)  
}
```

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(172, 178, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 178, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.544, 149.266 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(172, 178, 173) }
```

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

```
.border{ border-color:rgb(172, 178, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 178, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 178, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 178, 173);  
box-shadow:4px 4px 4px 4px rgb(172, 178,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.544, 149.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 178, 173) }
```

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

```
.background{ background-color: rgb(172,  
178, 173) }
```

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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