

Converting Colors

CIELCh(49, 7.037, 344.362)

Have a look what the booklet for
CIELCh(49, 7.037, 344.362) contains.

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Color

CIELCh(49, 7.022, 344.499)

Conversions

Conversions Part 1

Format	Color
Hex	7F7178
RGB	127, 113, 120
RGB Percent	50%, 44%, 47%
CMY	0.5030, 0.5579, 0.5304
CMYK	0.00, 0.11, 0.06, 0.50
HSL	330°, 6%, 47%
HSV	330°, 11%, 50%
XYZ	17.9638, 17.5941, 20.1355
YIQ	117.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

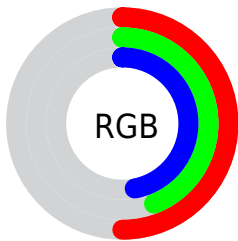
Format	Color
R_{YB}	127, 113, 120
Decimal	8352120
CIE _{Lab}	49.00, 6.77, -1.88
CIE _{LCh}	49, 7.022, 344.499
Yxy	17.5941, 0.3225, 0.3159
Android (android.graphics.Color)	4286542200 (0xFF7F7178)
YUV	117.9840, 0.9939, 7.9070
Hunter-Lab	41.9453, 3.0413, 0.8999

Details

The CIELCh color $49, 7.022, 344.499$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 6.923, 162.805$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 6.884, 346.136$, and $29, 7.321, 342.853$ is the 20% darker color. If you saturate the color by 10%, you get $45, 13.513, 345.417$, and if you desaturate by 10%, it is $53, 0.657, 343.294$.

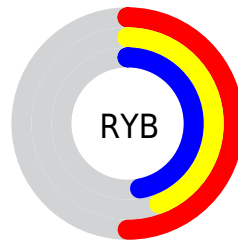
Distribution



Red (50%)

Green (44%)

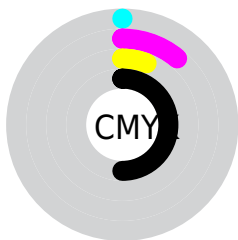
Blue (47%)



Red (50%)

Yellow (44%)

Blue (47%)

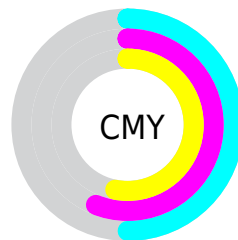


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 7.022, 344.499 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 49, 7.022, 344.499 by changing the saturation by 10% instead.

■ 49, 7.022, 344.499

■ 49, 7.022, 344.499

■ 100, 7.022,
344.499

■ 39, 7.022, 344.499

■ 69, 7.022, 344.499

■ 29, 7.022, 344.499

■ 79, 7.022, 344.499

■ 19, 7.022, 344.499

■ 89, 7.022, 344.499

■ 9, 7.022, 344.499

■ 99, 7.022, 344.499

■ 0, 7.022, 344.499

■ 49, 7.022, 344.499

■ 49, 7.022, 344.499

■ 45, 13.513,
345.417

■ 53, 0.657, 343.294

■ 42, 20.052,

■ 56, 5.529, 163.049

346.422

60, 11.517,
162.343

39, 26.506,
347.560

64, 17.300,
161.707

36, 32.683,
348.875

68, 22.881,
161.120

33, 38.326,
350.431

72, 28.268,
160.576

30, 43.129,
352.318

76, 33.475,
160.069

29, 46.796,
354.653

79, 38.513,
159.595

27, 49.135,
357.581

83, 43.396,
159.152

26, 50.620, 0.526

Harmonies

Complementary

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



49, 7.022, 344.499



52, 6.923, 162.805

Rectangle

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



49, 7.022, 344.499



49, 7.022, 34.499



49, 7.022, 164.499



49, 7.022, 214.499

Sweetspot

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



49, 7.020, 344.503



67, 2.355, 343.744



49, 8.725, 309.535



35, 1.800, 343.831



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



49, 7.020, 344.503



62, 10.320, 344.705



49, 5.795, 20.022



25, 3.593, 344.331



26, 50.837, 0.553



0, 0.000, 0.000

Inverse Universe

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



49, 7.020, 344.503



62, 10.320, 344.705



52, 5.419, 198.903



25, 3.593, 344.331



26, 50.837, 0.553



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 7.022, 344.499 looks on a white 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 × Fail

Black Background



This preview shows how the CIE LCh color 49, 7.022, 344.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

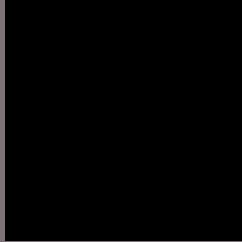
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 7.022, 344.499

Background



This preview shows how black text looks on a background with the CIELCh color 49, 7.022, 344.499.



This preview shows how white text looks on a background with the CIELCh color 49, 7.022, 344.499.

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


49, 7.022, 344.499

Protanopia

49, 3.555, 297.049

Deuteranopia

49, 6.696, 342.392



Tritanopia
49, 8.062, 339.462

Trichromacy



Original Color

49, 7.022, 344.499

Protanomaly

49, 4.290, 324.659

Deuteranomaly

49, 6.696, 342.392

Tritanomaly

49, 8.062, 339.462

Monochromacy



Original Color

49, 7.022, 344.499

Achromatopsia

50, 0.007, 296.813

Achromatomaly

49, 2.693, 338.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 7.022, 344.499 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(127, 113, 120)` looks like.

```
.text, #text, p{  
    color:rgb(127, 113, 120)  
}
```

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(127, 113, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 113, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 7.022, 344.499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

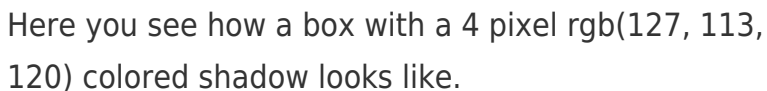
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 113, 120) }
```

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

```
.border{ border-color:rgb(127, 113, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 113, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 113, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 113, 120);  
box-shadow:4px 4px 4px 4px rgb(127, 113,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 7.022, 344.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 113, 120) }
```

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

```
.background{ background-color: rgb(127,  
113, 120) }
```

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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