

Converting Colors

CIELCh(49, 72.089, 134.187)

Have a look what the booklet for
CIELCh(49, 72.089, 134.187)
contains.

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Color

CIELCh(49, 72.110, 134.143)

Conversions

Conversions Part 1

Format	Color
Hex	208703
RGB	32, 135, 3
RGB Percent	13%, 53%, 1%
CMY	0.8755, 0.4712, 0.9892
CMYK	0.76, 0.00, 0.98, 0.47
HSL	107°, 96%, 27%
HSV	107°, 98%, 53%
XYZ	9.2456, 17.5941, 2.9875
YIQ	89.1550, -19.0160, -62.8880

Conversions

Conversions Part 2

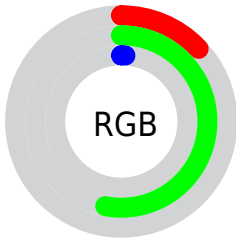
Format	Color
R_{YB}	3, 135, 106
Decimal	2131715
CIE _{Lab}	49.00, -50.22, 51.75
CIE _{LCh}	49, 72.110, 134.143
Yxy	17.5941, 0.3100, 0.5899
Android (android.graphics.Color)	4280321795 (0xFF208703)
YUV	89.1550, -42.4744, -50.1249
Hunter-Lab	41.9453, -34.0591, 25.1388

Details

The CIELCh color **49, 72.110, 134.143** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **26, 72.881, 320.279**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **69, 71.863, 134.112**, and **30, 53.409, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **49, 72.766, 134.137**, and if you desaturate by 10%, it is **49, 68.656, 133.988**.

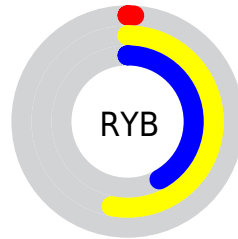
Distribution



Red (13%)

Green (53%)

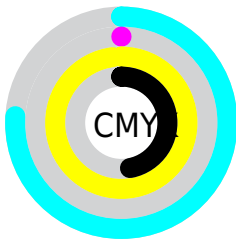
Blue (1%)



Red (1%)

Yellow (53%)

Blue (42%)

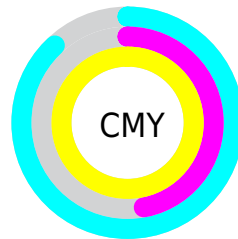


Cyan (76%)

Magenta (0%)

Yellow (98%)

Black (47%)



Cyan (88%)


Magenta (47%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 72.110, 134.143 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, 72.110, 134.143 by changing the saturation by 10% instead.


 49, 72.110,
134.143


 49, 72.110,
134.143

 100, 72.110,
134.143

 39, 72.110,
134.143

 69, 72.110,
134.143

 29, 72.110,
134.143

 79, 72.110,
134.143

 19, 72.110,
134.143

 89, 72.110,
134.143

 9, 72.110, 134.143

 99, 72.110,
134.143

 0, 72.110, 134.143

 49, 72.110,

 49, 72.110,

134.143

134.143

■ 49, 72.766,
134.137

■ 49, 68.656,
133.988

■ 50, 63.769,
134.082

■ 50, 57.477,
134.462

■ 51, 50.139,
135.011

■ 51, 42.083,
135.632

■ 52, 33.570,
136.260

■ 53, 24.798,
136.856

■ 54, 15.912,
137.403

Harmonies

Complementary

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



49, 72.110, 134.143



26, 72.881, 320.279

Rectangle

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



49, 72.110, 134.143



49, 72.110, 184.143



49, 72.110, 314.143



49, 72.110, 4.143

Sweetspot

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



49, 72.110, 134.144



68, 31.959, 136.758



46, 52.079, 85.759



35, 22.083, 136.537



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



49, 72.110, 134.144



63, 88.705, 134.373



49, 65.927, 141.016



27, 4.911, 137.845



47, 70.849, 134.099



1, 1.173, 138.224

Inverse Universe

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



26, 72.881, 320.279



35, 89.409, 320.051



30, 58.778, 341.748



26, 4.939, 318.586



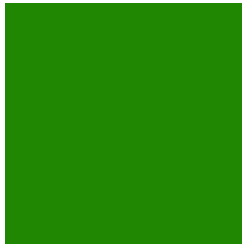
25, 71.602, 320.243



0, 1.174, 318.221

Previews

White Background



This preview shows how the CIELCh color 49, 72.110, 134.143 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, 72.110, 134.143 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, 72.110, 134.143

Background



This preview shows how black text looks on a background with the CIELCh color 49, 72.110, 134.143.



This preview shows how white text looks on a background with the CIELCh color 49, 72.110, 134.143.

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, 72.110, 134.143

Protanopia

49, 54.701, 95.139

Deuteranopia

49, 47.900, 82.335



Tritanopia
49, 20.577, 214.244

Trichromacy



Original Color
49, 72.110, 134.143

Protanomaly
48, 58.057, 115.849

Deuteranomaly
47, 51.542, 111.307

Tritanomaly
48, 37.570, 155.042

Monochromacy



Original Color
49, 72.110, 134.143

Achromatopsia
38, 0.005, 296.813

Achromatomaly
41, 32.842, 136.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 72.110, 134.143 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(32, 135, 3)` looks like.

```
.text, #text, p{  
    color:rgb(32, 135, 3)  
}
```

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(32, 135, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 135, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 72.110, 134.143 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(32, 135, 3) }
```

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

```
.border{ border-color:rgb(32, 135, 3) }
```

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

Here you see how a box with a 4 pixel rgb(32, 135, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 135, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 135, 3);  
box-shadow:4px 4px 4px 4px rgb(32, 135, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 49, 72.110, 134.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 135, 3) }
```

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

```
.background{ background-color: rgb(32, 135,  
3) }
```

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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