

Converting Colors

CIELCh(27, 34.065, 114.153)

Have a look what the booklet for
CIELCh(27, 34.065, 114.153)
contains.

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Color

CIELCh(27, 34.069, 114.132)

Conversions

Conversions Part 1

Format	Color
Hex	39450B
RGB	57, 69, 11
RGB Percent	22%, 27%, 4%
CMY	0.7779, 0.7308, 0.9585
CMYK	0.18, 0.00, 0.85, 0.73
HSL	72°, 73%, 16%
HSV	72°, 85%, 27%
XYZ	3.8299, 5.0937, 1.0856
YIQ	58.8000, 11.4660, -20.5820

Conversions

Conversions Part 2

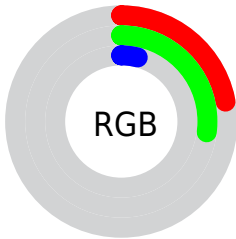
Format	Color
RYB	11, 69, 23
Decimal	3753227
CIELab	27.00, -13.93, 31.09
CIElCh	27, 34.069, 114.132
Yxy	5.0937, 0.3826, 0.5089
Android (android.graphics.Color)	4281943307 (0xFF39450B)
YUV	58.8000, -23.5654, -1.5786
Hunter-Lab	22.5692, -9.2056, 12.9465

Details

The CIELCh color **27, 34.069, 114.132** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8, 42.034, 305.898**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 33.916, 114.181**, and **7, 17.167, 141.411** is the 20% darker color. If you saturate the color by 10%, you get **27, 36.837, 114.049**, and if you desaturate by 10%, it is **27, 31.056, 114.282**.

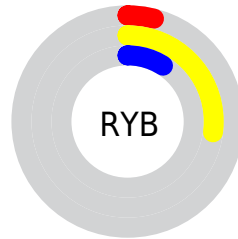
Distribution



Red (22%)

Green (27%)

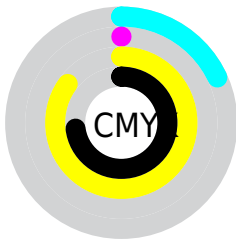
Blue (4%)



Red (4%)

Yellow (27%)

Blue (9%)

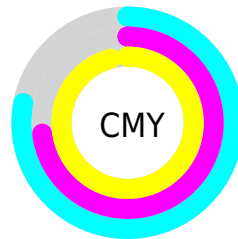


Cyan (18%)

Magenta (0%)

Yellow (85%)

Black (73%)



Cyan (78%)


Magenta (73%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 34.069, 114.132 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 27, 34.069, 114.132 by changing the saturation by 10% instead.

 27, 34.069,
114.132


 27, 34.069,
114.132

 100, 34.069,
114.132


 17, 34.069,
114.132


 47, 34.069,
114.132


 7, 34.069, 114.132

 57, 34.069,
114.132

 0, 34.069, 114.132

 67, 34.069,
114.132

 77, 34.069,
114.132

 87, 34.069,
114.132

 97, 34.069,

114.132

■ 27, 34.069,
114.132

■ 27, 34.069,
114.132

■ 27, 36.837,
114.049

■ 27, 31.056,
114.282

■ 27, 38.375,
113.992

■ 27, 27.537,
114.615

■ 28, 23.663,
115.073

■ 28, 19.549,
115.610

■ 28, 15.278,
116.192

■ 28, 10.911,
116.794

■ 29, 6.486, 117.399

■ 29, 2.033, 117.998

■ 29, 2.428, 298.571

Harmonies

Complementary

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



27, 34.069, 114.132



8, 42.034, 305.898

Rectangle

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



27, 34.069, 114.132



27, 34.069, 164.132



27, 34.069, 294.132



27, 34.069, 344.132

Sweetspot

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



27, 34.069, 114.134



37, 13.801, 116.706



15, 28.114, 39.779



18, 9.490, 116.606



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



27, 34.069, 114.134



35, 46.155, 114.289



25, 38.842, 132.271



13, 2.407, 117.766



38, 48.894, 114.404



83, 90.504, 115.228

Inverse Universe

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



8, 42.034, 305.898



8, 60.730, 307.868



12, 40.584, 318.254



11, 2.448, 298.780



9, 64.392, 307.785



29, 119.711, 307.233

Previews

White Background



This preview shows how the CIELCh color 27, 34.069, 114.132 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 27, 34.069, 114.132 looks on a black 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

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

CIELCh 27, 34.069, 114.132

Background



This preview shows how black text looks on a background with the CIELCh color 27, 34.069, 114.132.



This preview shows how white text looks on a background with the CIELCh color 27, 34.069, 114.132.

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

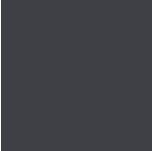
27, 34.069, 114.132

Protanopia

27, 32.345, 95.978

Deuteranopia

27, 29.677, 84.119



Tritanopia
27, 3.352, 275.913

Trichromacy



Original Color
27, 34.069, 114.132

Protanomaly
27, 32.497, 103.656

Deuteranomaly
27, 30.204, 96.915

Tritanomaly
27, 11.941, 121.729

Monochromacy



Original Color
27, 34.069, 114.132

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 13.819, 117.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 34.069, 114.132 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(57, 69, 11)` looks like.

```
.text, #text, p{  
    color:rgb(57, 69, 11)  
}
```

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(57, 69, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 69, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 34.069, 114.132 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(57, 69, 11) }
```

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

```
.border{ border-color:rgb(57, 69, 11) }
```

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

Here you see how a box with a 4 pixel rgb(57, 69, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 69, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 69, 11);  
box-shadow:4px 4px 4px 4px rgb(57, 69, 11)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 34.069, 114.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 69, 11) }
```

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

```
.background{ background-color: rgb(57, 69,  
11) }
```

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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