

Converting Colors

CIELCh(60, 48.055, 270.346)

Have a look what the booklet for
CIELCh(60, 48.055, 270.346)
contains.

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Color

CIELCh(60, 48.001, 270.315)

Conversions

Conversions Part 1

Format	Color
Hex	3D95E5
RGB	61, 149, 229
RGB Percent	24%, 58%, 90%
CMY	0.7610, 0.4159, 0.1022
CMYK	0.73, 0.35, 0.00, 0.10
HSL	209°, 76%, 57%
HSV	209°, 73%, 90%
XYZ	26.7950, 28.1233, 78.1056
YIQ	131.8080, -78.1280, 6.2240

Conversions

Conversions Part 2

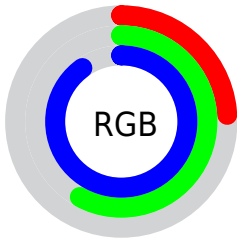
Format	Color
R _Y B	61, 119, 229
Decimal	4036069
CIE Lab	60.00, 0.26, -48.00
CIE LCh	60, 48.001, 270.315
Yxy	28.1233, 0.2014, 0.2114
Android (android.graphics.Color)	4282226149 (0xFF3D95E5)
YUV	131.8080, 47.9157, -62.0986
Hunter-Lab	53.0314, -2.6148, -50.2013

Details

The CIELCh color **60, 48.001, 270.315** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **67, 61.135, 63.731**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 34.018, 253.878**, and **41, 46.414, 275.750** is the 20% darker color. If you saturate the color by 10%, you get **56, 54.015, 274.603**, and if you desaturate by 10%, it is **64, 41.954, 266.514**.

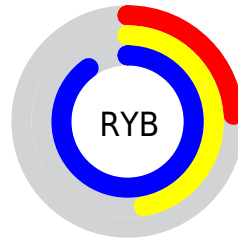
Distribution



Red (24%)

Green (58%)

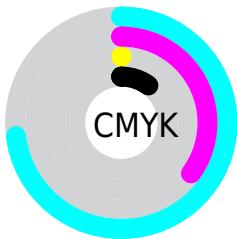
Blue (90%)



Red (24%)

Yellow (47%)

Blue (90%)

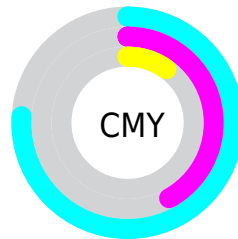


Cyan (73%)

Magenta (35%)

Yellow (0%)

Black (10%)



Cyan (76%)


Magenta (42%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 48.001, 270.315 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 60, 48.001, 270.315 by changing the saturation by 10% instead.


 60, 48.001,
270.315


 60, 48.001,
270.315


 100, 48.001,
270.315


 50, 48.001,
270.315


 80, 48.001,
270.315

 40, 48.001,
270.315

 90, 48.001,
270.315

 30, 48.001,
270.315

 20, 48.001,
270.315

 10, 48.001,
270.315

 0, 48.001, 270.315

 60, 48.001,

 60, 48.001,

270.315

■ 56, 54.015,
274.603

■ 53, 60.122,
279.243

■ 51, 64.290,
282.318

270.315

■ 64, 41.954,
266.514

■ 68, 35.782,
263.238

■ 72, 29.436,
260.466

■ 76, 22.902,
258.144

■ 81, 16.196,
256.209

■ 85, 9.345, 254.605

■ 89, 2.382, 253.377

■ 94, 4.658, 71.956

■ 97, 9.643, 92.056

Harmonies

Complementary

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



60, 48.001, 270.315



67, 61.135, 63.731

Rectangle

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



60, 48.001, 270.315



60, 48.001, 320.315



60, 48.001, 90.315



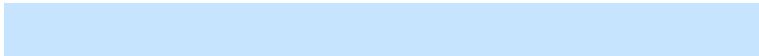
60, 48.001, 140.315

Sweetspot

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



60, 48.000, 270.316



89, 16.648, 255.991



81, 69.695, 152.845



46, 11.159, 256.473



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 48.000, 270.316



61, 61.984, 276.956



39, 96.483, 301.674



46, 3.985, 254.061



40, 52.536, 281.498



9, 18.987, 272.593

Inverse Universe

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



54, 70.949, 351.885



56, 83.518, 356.110



87, 76.442, 101.955



45, 5.948, 343.119



38, 65.169, 359.640



7, 27.862, 353.146

Previews

White Background



This preview shows how the CIE LCh color 60, 48.001, 270.315 looks on a white background.

Color Contrast Check

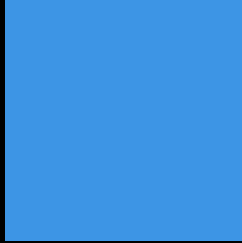
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 48.001, 270.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

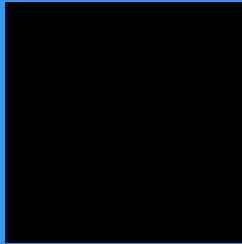
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

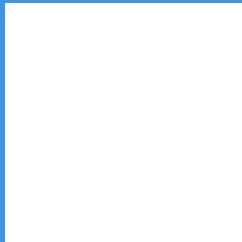
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 48.001, 270.315

Background



This preview shows how black text looks on a background with the CIELCh color 60, 48.001, 270.315.



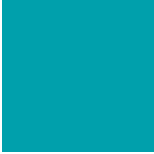
This preview shows how white text looks on a background with the CIELCh color 60, 48.001, 270.315.

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
60, 34.159, 208.238

Trichromacy



Original Color
60, 48.001, 270.315

Protanomaly
60, 46.756, 279.135

Deuteranomaly
60, 48.932, 276.452

Tritanomaly
60, 34.787, 234.815

Monochromacy



Original Color
60, 48.001, 270.315

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 19.325, 258.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 48.001, 270.315 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(61, 149, 229)` looks like.

```
.text, #text, p{  
    color:rgb(61, 149, 229)  
}
```

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(61, 149, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 149, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 48.001, 270.315 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(61, 149, 229) }
```

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

```
.border{ border-color:rgb(61, 149, 229) }
```

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

Here you see how a box with a 4 pixel rgb(61, 149, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 149, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 149, 229);  
box-shadow:4px 4px 4px 4px rgb(61, 149,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 48.001, 270.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 149, 229) }
```

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

```
.background{ background-color: rgb(61, 149,  
229) }
```

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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