

Converting Colors

CIELCh(60, 52.781, 268.862)

Have a look what the booklet for
CIELCh(60, 52.781, 268.862)
contains.

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Color

CIELCh(60, 52.667, 268.842)

Conversions

Conversions Part 1

Format	Color
Hex	0F96ED
RGB	15, 150, 237
RGB Percent	6%, 59%, 93%
CMY	0.9401, 0.4108, 0.0695
CMYK	0.94, 0.37, 0.00, 0.07
HSL	204°, 88%, 50%
HSV	204°, 94%, 93%
XYZ	26.4707, 28.1233, 84.3591
YIQ	119.5530, -108.3870, -1.5630

Conversions

Conversions Part 2

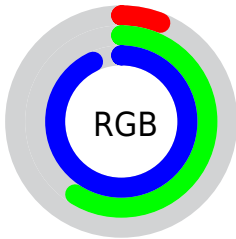
Format	Color
RYB	15, 99, 237
Decimal	1021677
CIELab	60.00, -1.06, -52.66
CIELCh	60, 52.667, 268.842
Yxy	28.1233, 0.1905, 0.2024
Android (android.graphics.Color)	4279211757 (0xFF0F96ED)
YUV	119.5530, 57.9014, -91.6930
Hunter-Lab	53.0314, -3.7066, -57.1928

Details

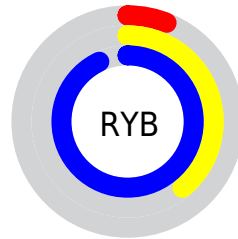
The CIELCh color **60, 52.667, 268.842** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **60, 81.590, 53.435**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 36.151, 247.752**, and **42, 50.120, 278.338** is the 20% darker color. If you saturate the color by 10%, you get **58, 55.592, 272.100**, and if you desaturate by 10%, it is **63, 48.211, 263.921**.

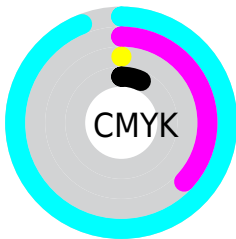
Distribution



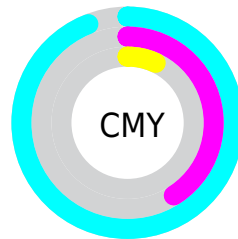
- Red (6%)
- Green (59%)
- Blue (93%)



- Red (6%)
- Yellow (39%)
- Blue (93%)



- Cyan (94%)
- Magenta (37%)
- Yellow (0%)
- Black (7%)





- Cyan (94%)
- Magenta (41%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 52.667, 268.842 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, 52.667, 268.842 by changing the saturation by 10% instead.

 60, 52.667,
268.842

 60, 52.667,
268.842

 100, 52.667,
268.842


 50, 52.667,
268.842


 80, 52.667,
268.842

 40, 52.667,
268.842

 90, 52.667,
268.842

 30, 52.667,
268.842

 20, 52.667,
268.842

 10, 52.667,
268.842

 0, 52.667, 268.842

 60, 52.667,

 60, 52.667,

268.842

■ 58, 55.592,
272.100

268.842

■ 63, 48.211,
263.921

■ 66, 43.648,
259.510

■ 69, 38.823,
255.706

■ 73, 33.640,
252.512

■ 77, 28.067,
249.873

■ 80, 22.118,
247.713

■ 84, 15.833,
245.954

■ 88, 9.266, 244.532

Harmonies

Complementary

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



60, 52.667, 268.842



60, 81.590, 53.435

Rectangle

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



60, 52.667, 268.842



60, 52.667, 318.842



60, 52.667, 88.842



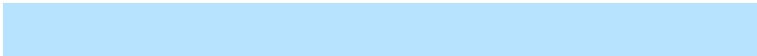
60, 52.667, 138.842

Sweetspot

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



60, 52.666, 268.843



88, 19.777, 246.708



83, 91.296, 145.004



45, 13.536, 247.496



0, 0.000, 0.000



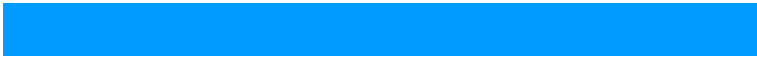
53, 0.007, 296.813

Same Dimension

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



60, 52.666, 268.843



62, 58.893, 272.315



34, 115.084, 303.798



48, 3.937, 244.043



46, 45.286, 271.202



12, 17.804, 262.761

Inverse Universe

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



53, 82.618, 350.852



56, 87.401, 352.876



84, 83.533, 95.163



47, 6.535, 338.938



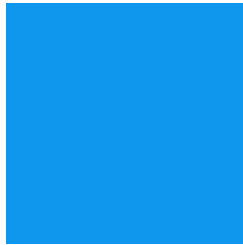
40, 68.536, 352.196



9, 30.779, 347.735

Previews

White Background



This preview shows how the CIE LCh color 60, 52.667, 268.842 looks on a white background.

Color Contrast Check

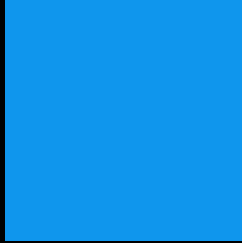
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 52.667, 268.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

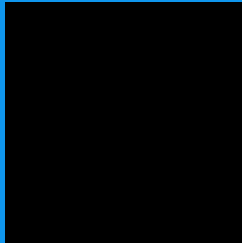
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

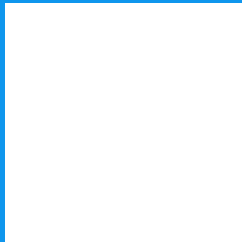
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 52.667, 268.842

Background



This preview shows how black text looks on a background with the CIELCh color 60, 52.667, 268.842.



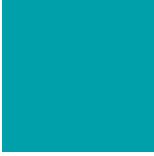
This preview shows how white text looks on a background with the CIELCh color 60, 52.667, 268.842.

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



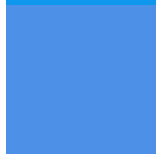


Tritanopia
60, 34.209, 207.223

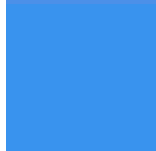
Trichromacy



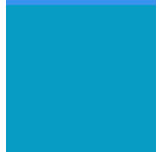
Original Color
60, 52.654, 268.878



Protanomaly
59, 51.236, 277.157



Deuteranomaly
60, 53.487, 274.459



Tritanomaly
60, 35.758, 235.942

Monochromacy



Original Color
60, 52.654, 268.878



Achromatopsia
50, 0.007, 296.813



Achromatomaly
53, 23.367, 251.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 52.667, 268.842 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(15, 150, 237)` looks like.

```
.text, #text, p{  
    color:rgb(15, 150, 237)  
}
```

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(15, 150, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 150, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 52.667, 268.842 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(15, 150, 237) }
```

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

```
.border{ border-color:rgb(15, 150, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 150, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 150, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 150, 237);  
box-shadow:4px 4px 4px 4px rgb(15, 150,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 52.667, 268.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 150, 237) }
```

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

```
.background{ background-color: rgb(15, 150,  
237) }
```

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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