

Converting Colors

CIELCh(63, 53.579, 270.377)

Have a look what the booklet for
CIELCh(63, 53.579, 270.377)
contains.

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Color

CIELCh(63, 53.954, 270.767)

Conversions

Conversions Part 1

Format	Color
Hex	2E9DF8
RGB	46, 157, 248
RGB Percent	18%, 62%, 97%
CMY	0.8210, 0.3831, 0.0261
CMYK	0.82, 0.37, 0.00, 0.03
HSL	207°, 94%, 58%
HSV	207°, 82%, 97%
XYZ	30.2139, 31.5869, 93.5838
YIQ	134.1850, -95.3670, 4.7690

Conversions

Conversions Part 2

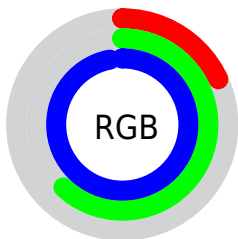
Format	Color
R _Y B	46, 118, 248
Decimal	3055096
CIE Lab	63.00, 0.72, -53.95
CIE LCh	63, 53.954, 270.767
Yxy	31.5869, 0.1944, 0.2033
Android (android.graphics.Color)	4281245176 (0xFF2E9DF8)
YUV	134.1850, 56.1108, -77.3382
Hunter-Lab	56.2022, -2.3938, -59.3837

Details

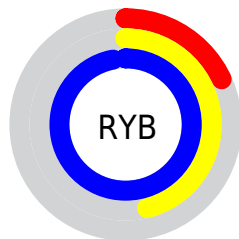
The CIELCh color **63, 53.954, 270.767** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **68, 73.246, 60.049**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 32.943, 243.884**, and **44, 52.080, 278.243** is the 20% darker color. If you saturate the color by 10%, you get **59, 59.844, 275.494**, and if you desaturate by 10%, it is **67, 48.078, 266.471**.

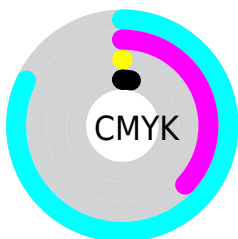
Distribution



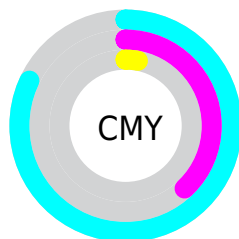
- Red (18%)
- Green (62%)
- Blue (97%)



- Red (18%)
- Yellow (46%)
- Blue (97%)



- Cyan (82%)
- Magenta (37%)
- Yellow (0%)
- Black (3%)





- Cyan (82%)
- Magenta (38%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 53.954, 270.767 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 63, 53.954, 270.767 by changing the saturation by 10% instead.


 63, 53.954,
270.767


 63, 53.954,
270.767


 100, 53.954,
270.767


 53, 53.954,
270.767


 83, 53.954,
270.767

 43, 53.954,
270.767

 93, 53.954,
270.767

 33, 53.954,
270.767

 23, 53.954,
270.767

 13, 53.954,
270.767

 3, 53.954, 270.767

 0, 53.954, 270.767

■ 63, 53.954,
270.767

■ 63, 53.954,
270.767

■ 59, 59.844,
275.494

■ 67, 48.078,
266.471

■ 57, 64.929,
279.559

■ 71, 42.079,
262.712

■ 75, 35.860,
259.509

■ 79, 29.382,
256.825

■ 83, 22.645,
254.596

■ 88, 15.675,
252.753

■ 92, 8.512, 251.240

■ 97, 1.200, 250.300

100, 3.369,
109.903

Harmonies

Complementary

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



63, 53.954, 270.767



68, 73.246, 60.049

Rectangle

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



63, 53.954, 270.767



63, 53.954, 320.767



63, 53.954, 90.767



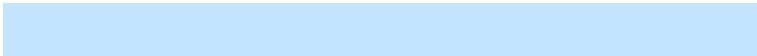
63, 53.954, 140.767

Sweetspot

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



63, 53.953, 270.768



89, 17.732, 253.167



87, 82.834, 149.604



46, 12.129, 253.814



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 53.953, 270.768



59, 65.068, 278.688



39, 110.852, 302.641



50, 4.196, 250.961



44, 52.010, 278.683



12, 20.967, 271.388

Inverse Universe

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



56, 80.674, 352.052



55, 85.446, 357.335



91, 84.871, 99.444



49, 6.498, 341.730



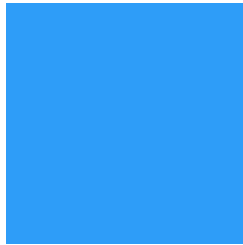
41, 68.387, 357.318



10, 31.628, 352.308

Previews

White Background



This preview shows how the CIELCh color 63, 53.954, 270.767 looks on a white background.

Color Contrast Check

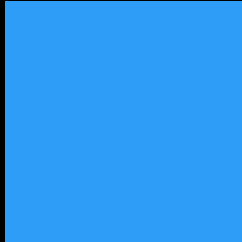
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 63, 53.954, 270.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

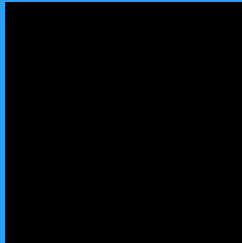
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

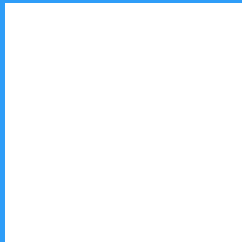
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 53.954, 270.767

Background



This preview shows how black text looks on a background with the CIELCh color 63, 53.954, 270.767.

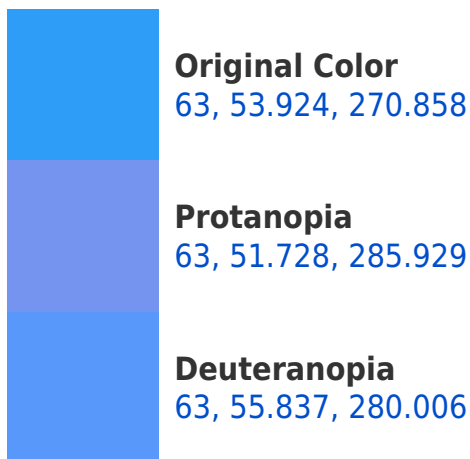


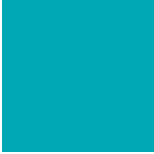
This preview shows how white text looks on a background with the CIELCh color 63, 53.954, 270.767.

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
63, 35.390, 208.673

Trichromacy



Original Color
63, 53.924, 270.858

Protanomaly
62, 52.675, 279.050

Deuteranomaly
63, 54.883, 276.202

Tritanomaly
63, 36.845, 236.463

Monochromacy



Original Color
63, 53.924, 270.858

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 22.691, 257.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 53.954, 270.767 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(46, 157, 248)` looks like.

```
.text, #text, p{  
    color:rgb(46, 157, 248)  
}
```

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(46, 157, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 157, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 53.954, 270.767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

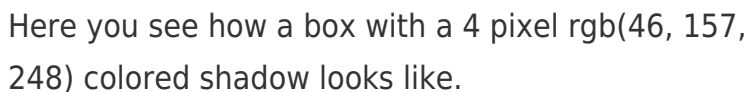
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(46, 157, 248) }
```

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

```
.border{ border-color:rgb(46, 157, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(46, 157, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 157, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 157, 248);  
box-shadow:4px 4px 4px 4px rgb(46, 157,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 53.954, 270.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 157, 248) }
```

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

```
.background{ background-color: rgb(46, 157,  
248) }
```

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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