

Converting Colors

CIELCh(63, 53.543, 269.600)

Have a look what the booklet for
CIELCh(63, 53.543, 269.600)
contains.

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Color

CIELCh(63, 53.674, 269.648)

Conversions

Conversions Part 1

Format	Color
Hex	279EF8
RGB	39, 158, 248
RGB Percent	15%, 62%, 97%
CMY	0.8485, 0.3810, 0.0282
CMYK	0.84, 0.36, 0.00, 0.03
HSL	206°, 94%, 56%
HSV	206°, 84%, 97%
XYZ	29.9353, 31.5869, 93.1766
YIQ	132.6790, -99.8140, 2.7620

Conversions

Conversions Part 2

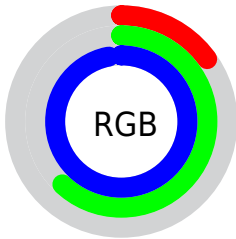
Format	Color
R _Y B	39, 115, 248
Decimal	2596600
CIE Lab	63.00, -0.33, -53.67
CIE LCh	63, 53.674, 269.648
Yxy	31.5869, 0.1935, 0.2042
Android (android.graphics.Color)	4280786680 (0xFF279EF8)
YUV	132.6790, 56.8533, -82.1565
Hunter-Lab	56.2022, -3.2786, -58.9542

Details

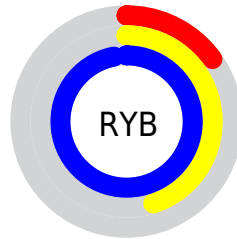
The CIELCh color **63, 53.674, 269.648** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **66, 75.999, 58.013**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 33.418, 241.679**, and **45, 51.523, 277.616** is the 20% darker color. If you saturate the color by 10%, you get **60, 59.151, 274.529**, and if you desaturate by 10%, it is **67, 48.210, 265.185**.

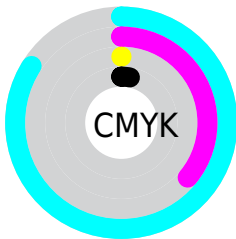
Distribution



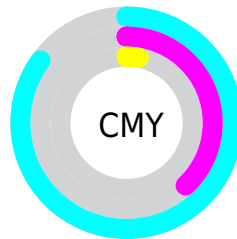
- Red (15%)
- Green (62%)
- Blue (97%)



- Red (15%)
- Yellow (45%)
- Blue (97%)



- Cyan (84%)
- Magenta (36%)
- Yellow (0%)
- Black (3%)





- Cyan (85%)
- Magenta (38%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 53.674, 269.648 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, 53.674, 269.648 by changing the saturation by 10% instead.

 63, 53.674,
269.648

 63, 53.674,
269.648


 100, 53.674,
269.648


 53, 53.674,
269.648


 83, 53.674,
269.648

 43, 53.674,
269.648

 93, 53.674,
269.648

 33, 53.674,
269.648

 23, 53.674,
269.648

 13, 53.674,
269.648

 3, 53.674, 269.648

 0, 53.674, 269.648

■ 63, 53.674,
269.648

■ 63, 53.674,
269.648

■ 60, 59.151,
274.529

■ 67, 48.210,
265.185

■ 58, 62.302,
277.278

■ 70, 42.603,
261.268

■ 74, 36.744,
257.929

■ 78, 30.583,
255.136

■ 82, 24.116,
252.823

■ 87, 17.369,
250.918

■ 91, 10.388,
249.357

■ 96, 3.218, 248.154

100, 3.038,
101.740

Harmonies

Complementary

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



63, 53.674, 269.648



66, 75.999, 58.013

Rectangle

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



63, 53.674, 269.648



63, 53.674, 319.648



63, 53.674, 89.648



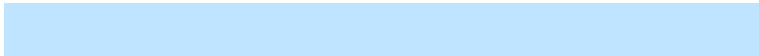
63, 53.674, 139.648

Sweetspot

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



63, 53.673, 269.649



89, 18.189, 251.026



86, 85.919, 148.292



46, 12.346, 251.662



0, 0.000, 0.000



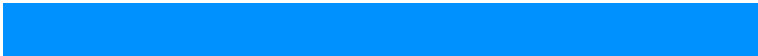
53, 0.007, 296.813

Same Dimension

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



63, 53.673, 269.649



59, 63.752, 277.358



38, 112.411, 302.790



50, 4.149, 248.708



45, 50.022, 276.388



13, 20.285, 268.972

Inverse Universe

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



56, 82.205, 351.363



55, 86.072, 356.308



90, 85.167, 98.194



49, 6.584, 340.777



41, 68.828, 355.599



10, 31.880, 350.904

Previews

White Background



This preview shows how the CIE LCh color 63, 53.674, 269.648 looks on a white background.

Color Contrast Check

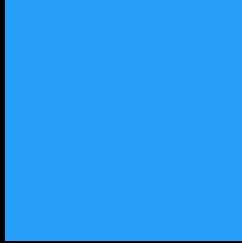
Large Text (above 18pt) WCAG AA × Fail

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, 53.674, 269.648 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

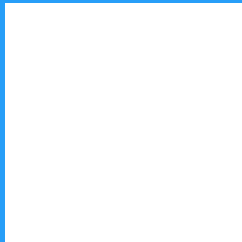
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 53.674, 269.648

Background



This preview shows how black text looks on a background with the CIELCh color 63, 53.674, 269.648.

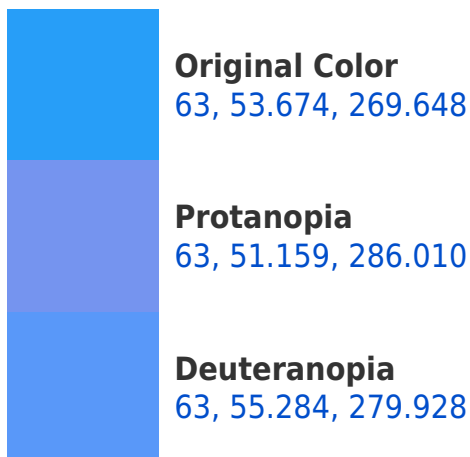


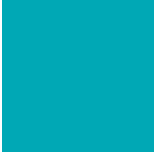
This preview shows how white text looks on a background with the CIELCh color 63, 53.674, 269.648.

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, 53.674, 269.648

Protanomaly
63, 51.689, 278.000

Deuteranomaly
63, 54.961, 275.910

Tritanomaly
63, 36.943, 236.334

Monochromacy



Original Color
63, 53.674, 269.648

Achromatopsia
55, 0.007, 296.813

Achromatomaly
57, 22.723, 255.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 53.674, 269.648 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(39, 158, 248)` looks like.

```
.text, #text, p{  
    color:rgb(39, 158, 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(39, 158, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 158, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 53.674, 269.648 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(39, 158, 248) }
```

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

```
.border{ border-color:rgb(39, 158, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 158, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 158, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 158, 248);  
box-shadow:4px 4px 4px 4px rgb(39, 158,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 53.674, 269.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 158, 248) }
```

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

```
.background{ background-color: rgb(39, 158,  
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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