

Converting Colors

CIELCh(65, 53.975, 269.854)

Have a look what the booklet for
CIELCh(65, 53.975, 269.854)
contains.

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Color

CIELCh(65, 53.886, 269.844)

Conversions

Conversions Part 1

Format	Color
Hex	32A3FE
RGB	50, 163, 254
RGB Percent	20%, 64%, 100%
CMY	0.8035, 0.3606, 0.0037
CMYK	0.80, 0.36, 0.00, 0.00
HSL	207°, 99%, 60%
HSV	207°, 80%, 100%
XYZ	32.3200, 34.0472, 98.6708
YIQ	139.5870, -96.5590, 4.3450

Conversions

Conversions Part 2

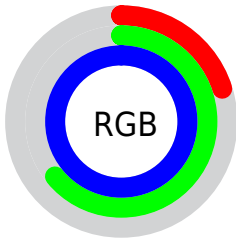
Format	Color
R _{YB}	50, 123, 254
Decimal	3318782
CIE Lab	65.00, -0.15, -53.89
CIE LCh	65, 53.886, 269.844
Yxy	34.0472, 0.1958, 0.2063
Android (android.graphics.Color)	4281508862 (0xFF32A3FE)
YUV	139.5870, 56.4056, -78.5678
Hunter-Lab	58.3500, -3.2413, -59.4155

Details

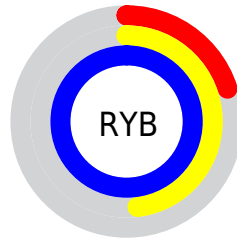
The CIELCh color **65, 53.886, 269.844** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **70, 73.438, 59.998**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 31.669, 236.550**, and **46, 51.929, 276.710** is the 20% darker color. If you saturate the color by 10%, you get **61, 59.808, 274.543**, and if you desaturate by 10%, it is **69, 47.951, 265.602**.

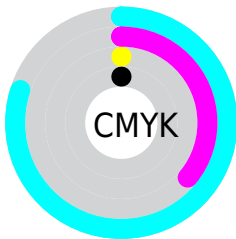
Distribution



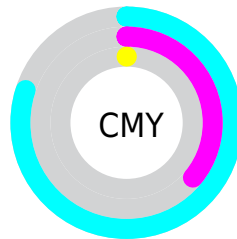
- Red (20%)
- Green (64%)
- Blue (100%)



- Red (20%)
- Yellow (48%)
- Blue (100%)



- Cyan (80%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)




- Cyan (80%)
- Magenta (36%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 53.886, 269.844 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 65, 53.886, 269.844 by changing the saturation by 10% instead.

 65, 53.886,
269.844


 65, 53.886,
269.844

 100, 53.886,
269.844


 55, 53.886,
269.844


 85, 53.886,
269.844

 45, 53.886,
269.844

 95, 53.886,
269.844

 35, 53.886,
269.844

 25, 53.886,
269.844

 15, 53.886,
269.844

 5, 53.886, 269.844

 0, 53.886, 269.844

■ 65, 53.886,
269.844

■ 65, 53.886,
269.844

■ 61, 59.808,
274.543

■ 69, 47.951,
265.602

■ 58, 65.729,
279.282

■ 73, 41.866,
261.909

■ 77, 35.541,
258.774

■ 81, 28.942,
256.154

■ 86, 22.074,
253.981

■ 90, 14.969,
252.186

■ 95, 7.668, 250.720

■ 100, 0.217,
251.666

100, 0.473,
109.979

Harmonies

Complementary

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



65, 53.886, 269.844



70, 73.438, 59.998

Rectangle

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



65, 53.886, 269.844



65, 53.886, 319.844



65, 53.886, 89.844



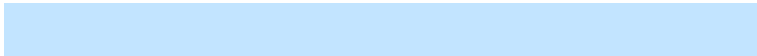
65, 53.886, 139.844

Sweetspot

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



65, 53.885, 269.845



89, 17.692, 252.815



89, 83.375, 149.857



46, 12.100, 253.460



0, 0.000, 0.000



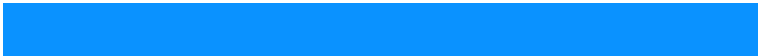
53, 0.007, 296.813

Same Dimension

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



65, 53.885, 269.845



60, 63.448, 277.367



40, 111.128, 302.361



51, 4.258, 250.620



44, 52.263, 278.388



13, 21.549, 271.441

Inverse Universe

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



58, 81.666, 351.515



56, 85.447, 356.339



93, 85.636, 99.533



50, 6.620, 341.583



41, 69.129, 357.089



11, 32.477, 352.340

Previews

White Background



This preview shows how the CIE LCh color 65, 53.886, 269.844 looks on a white background.

Color Contrast Check

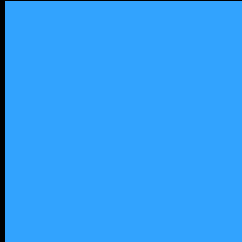
Large Text (above 18pt) WCAG AA × Fail

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 65, 53.886, 269.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

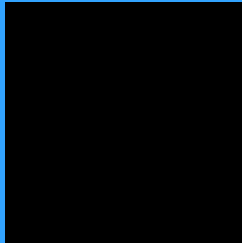
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

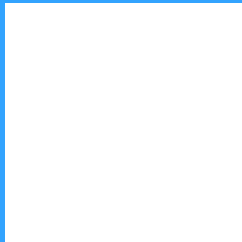
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 53.886, 269.844

Background



This preview shows how black text looks on a background with the CIELCh color 65, 53.886, 269.844.



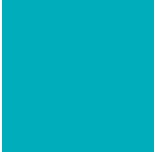
This preview shows how white text looks on a background with the CIELCh color 65, 53.886, 269.844.

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
65, 36.338, 208.270

Trichromacy



Original Color
65, 53.886, 269.844

Protanomaly
65, 52.396, 278.577

Deuteranomaly
65, 55.143, 276.163

Tritanomaly
65, 37.542, 235.284

Monochromacy



Original Color
65, 53.886, 269.844

Achromatopsia
58, 0.007, 296.813

Achromatomaly
60, 22.308, 256.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 53.886, 269.844 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(50, 163, 254)` looks like.

```
.text, #text, p{  
    color:rgb(50, 163, 254)  
}
```

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(50, 163, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 163, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 53.886, 269.844 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(50, 163, 254) }
```

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

```
.border{ border-color:rgb(50, 163, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 163, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 163, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 163, 254);  
box-shadow:4px 4px 4px 4px rgb(50, 163,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 53.886, 269.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 163, 254) }
```

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

```
.background{ background-color: rgb(50, 163,  
254) }
```

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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