

Converting Colors

CIELCh(65, 54.333, 267.551)

Have a look what the booklet for
CIELCh(65, 54.333, 267.551)
contains.

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Color

CIELCh(65, 54.557, 267.837)

Conversions

Conversions Part 1

Format	Color
Hex	1AA4FF
RGB	26, 164, 255
RGB Percent	10%, 64%, 100%
CMY	0.8998, 0.3563, 0.0000
CMYK	0.90, 0.36, 0.00, 0.00
HSL	204°, 100%, 55%
HSV	204°, 90%, 100%
XYZ	31.7916, 34.0472, 99.6411
YIQ	133.1120, -111.4590, -0.9550

Conversions

Conversions Part 2

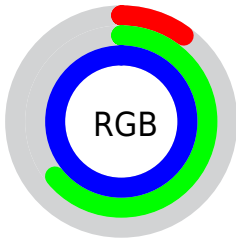
Format	Color
RYP	26, 112, 255
Decimal	1746175
CIELab	65.00, -2.06, -54.52
CIELCh	65, 54.557, 267.837
Yxy	34.0472, 0.1921, 0.2057
Android (android.graphics.Color)	4279936255 (0xFF1AA4FF)
YUV	133.1120, 60.0908, -93.9372
Hunter-Lab	58.3500, -4.8578, -60.4014

Details

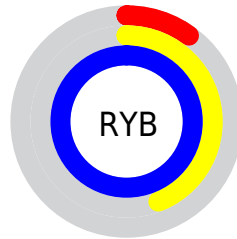
The CIELCh color **65, 54.557, 267.837** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **65, 83.582, 54.373**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 33.323, 233.047**, and **47, 51.908, 276.456** is the 20% darker color. If you saturate the color by 10%, you get **62, 59.365, 272.860**, and if you desaturate by 10%, it is **68, 49.658, 262.983**.

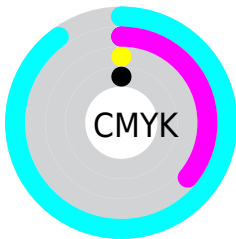
Distribution



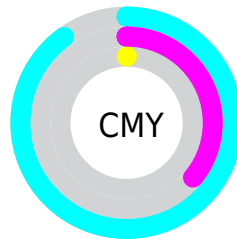
- Red (10%)
- Green (64%)
- Blue (100%)



- Red (10%)
- Yellow (44%)
- Blue (100%)



- Cyan (90%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (90%)
- Magenta (36%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 54.557, 267.837 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, 54.557, 267.837 by changing the saturation by 10% instead.


 65, 54.557,
267.837

 65, 54.557,
267.837


 100, 54.557,
267.837


 55, 54.557,
267.837


 85, 54.557,
267.837

 45, 54.557,
267.837

 95, 54.557,
267.837

 35, 54.557,
267.837

 25, 54.557,
267.837

 15, 54.557,
267.837

 5, 54.557, 267.837

 0, 54.557, 267.837

■ 65, 54.557,
267.837

■ 65, 54.557,
267.837

■ 62, 59.365,
272.860

■ 68, 49.658,
262.983

■ 62, 59.375,
272.870

■ 72, 44.672,
258.745

■ 75, 39.377,
255.125

■ 79, 33.695,
252.101

■ 83, 27.609,
249.612

■ 87, 21.143,
247.578

■ 91, 14.346,
245.923

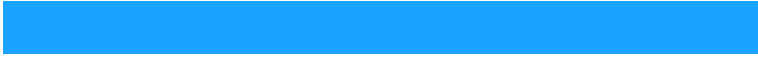
■ 96, 7.276, 244.596

100, 0.012,
296.813

Harmonies

Complementary

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



65, 54.557, 267.837



65, 83.582, 54.373

Rectangle

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



65, 54.557, 267.837



65, 54.557, 317.837



65, 54.557, 87.837



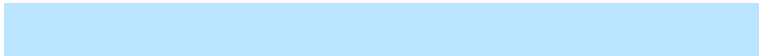
65, 54.557, 137.837

Sweetspot

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



65, 54.483, 267.772



88, 19.150, 247.048



88, 94.357, 145.700



46, 12.820, 247.658



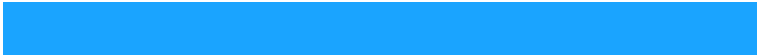
0, 0.000, 0.000



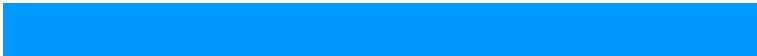
53, 0.007, 296.813

Same Dimension

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



65, 54.483, 267.772



62, 59.375, 272.870



38, 118.030, 303.118



51, 4.148, 244.541



47, 47.162, 271.918



14, 19.767, 264.713

Inverse Universe

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



57, 86.718, 350.275



56, 87.246, 353.225



90, 87.367, 95.457



50, 6.857, 339.129



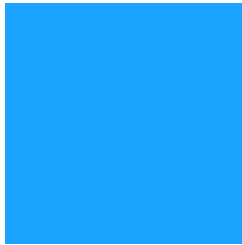
42, 70.486, 352.631



11, 33.215, 348.670

Previews

White Background



This preview shows how the CIE LCh color 65, 54.557, 267.837 looks on a white background.

Color Contrast Check

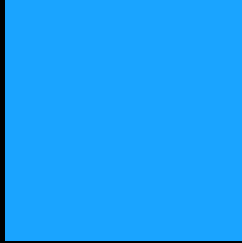
Large Text (above 18pt) WCAG AA × Fail

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, 54.557, 267.837 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

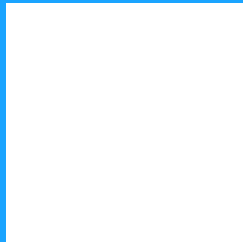
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 54.557, 267.837

Background



This preview shows how black text looks on a background with the CIELCh color 65, 54.557, 267.837.



This preview shows how white text looks on a background with the CIELCh color 65, 54.557, 267.837.

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



Trichromacy



Original Color
65, 54.538, 267.886

Protanomaly
64, 52.797, 276.829

Deuteranomaly
65, 55.015, 274.294

Monochromacy



Original Color
65, 54.538, 267.886

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 23.775, 251.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 54.557, 267.837 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(26, 164, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 164, 255)  
}
```

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(26, 164, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 164, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 54.557, 267.837 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(26, 164, 255) }
```

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

```
.border{ border-color:rgb(26, 164, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 164, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 164, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 164, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 164,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 54.557, 267.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 164, 255) }
```

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

```
.background{ background-color: rgb(26, 164,  
255) }
```

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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