

Converting Colors

CIELCh(84, 105.638, 186.020)

Have a look what the booklet for
CIELCh(84, 105.638, 186.020)
contains.

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Color

CIELCh(90, 54.764, 182.179)

Conversions

Conversions Part 1

Format	Color
Hex	04FEE5
RGB	4, 254, 229
RGB Percent	2%, 100%, 90%
CMY	0.9827, 0.0054, 0.1035
CMYK	0.98, 0.00, 0.10, 0.01
HSL	174°, 99%, 51%
HSV	174°, 98%, 99%
XYZ	49.4612, 76.3034, 85.9536
YIQ	176.4000, -140.9750, -60.7750

Conversions

Conversions Part 2

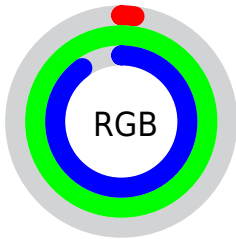
Format	Color
RYB	4, 136, 254
Decimal	327397
CIELab	90.00, -54.72, -2.08
CIELCh	90, 54.764, 182.179
Yxy	76.3034, 0.2336, 0.3604
Android (android.graphics.Color)	4278517477 (0xFF04FEE5)
YUV	176.4000, 25.9318, -151.1948
Hunter-Lab	87.3518, -51.7937, 2.8053

Details

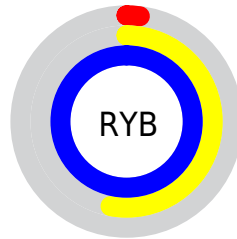
The CIELCh color **90, 54.764, 182.179** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **53, 98.631, 36.044**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 38.681, 197.050**, and **71, 45.814, 180.671** is the 20% darker color. If you saturate the color by 10%, you get **90, 54.968, 181.969**, and if you desaturate by 10%, it is **90, 53.347, 183.361**.

Distribution



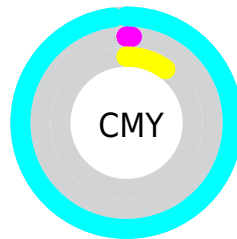
- Red (2%)
- Green (100%)
- Blue (90%)



- Red (2%)
- Yellow (53%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)





- Cyan (98%)
- Magenta (1%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 54.764, 182.179 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 90, 54.764, 182.179 by changing the saturation by 10% instead.


 90, 54.764,
182.179


 90, 54.764,
182.179


 100, 54.764,
182.179


 80, 54.764,
182.179

 70, 54.764,
182.179

 60, 54.764,
182.179

 50, 54.764,
182.179

 40, 54.764,
182.179

 30, 54.764,
182.179

 20, 54.764,

182.179

■ 10, 54.764,
182.179

■ 0, 54.764, 182.179

■ 90, 54.764,
182.179

■ 90, 54.764,
182.179

■ 90, 54.968,
181.969

■ 90, 53.347,
183.361

■ 90, 51.012,
184.447

■ 91, 47.614,
185.445

■ 92, 43.122,
186.374

■ 93, 37.579,
187.252

■ 94, 31.085,
188.096

■ 95, 23.774,
188.917

■ 96, 15.795,
189.728

■ 98, 7.301, 190.560

Harmonies

Complementary

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



90, 54.764, 182.179



53, 98.631, 36.044

Rectangle

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



90, 54.764, 182.179



90, 54.764, 232.179



90, 54.764, 2.179



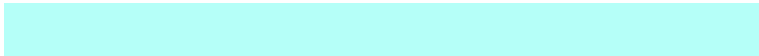
90, 54.764, 52.179

Sweetspot

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



90, 54.764, 182.178



95, 24.446, 188.856



87, 118.093, 135.547



50, 16.538, 188.507



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 54.764, 182.178



90, 55.196, 181.965



63, 56.791, 270.187



52, 5.035, 190.452



70, 44.370, 182.188



23, 20.140, 183.753

Inverse Universe

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



53, 98.631, 36.044



53, 100.172, 36.691



62, 89.428, 51.674



50, 5.290, 11.848



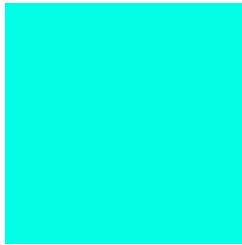
40, 79.957, 35.933



10, 32.598, 23.098

Previews

White Background



This preview shows how the CIE LCh color 90, 54.764, 182.179 looks on a white background.

Color Contrast Check

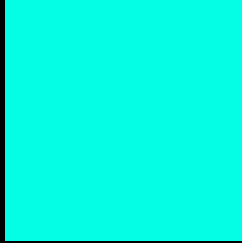
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 90, 54.764, 182.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

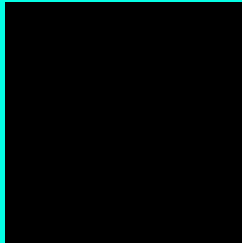
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

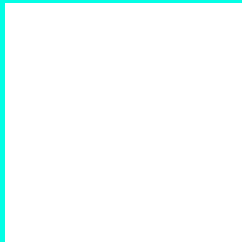
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 54.764, 182.179

Background



This preview shows how black text looks on a background with the CIELCh color 90, 54.764, 182.179.

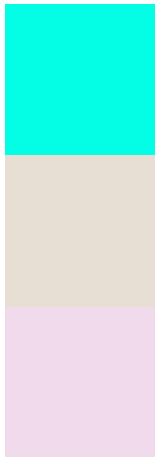


This preview shows how white text looks on a background with the CIELCh color 90, 54.764, 182.179.

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



Original Color

90, 54.820, 182.210

Protanopia

89, 6.400, 82.362

Deuteranopia

89, 12.254, 330.437

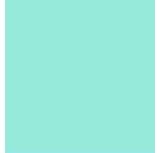


Tritanopia
90, 30.072, 211.770

Trichromacy



Original Color
90, 54.820, 182.210



Protanomaly
87, 29.263, 180.735



Deuteranomaly
87, 24.588, 200.257

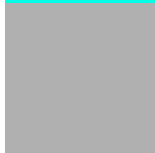


Tritanomaly
89, 41.732, 196.075

Monochromacy



Original Color
90, 54.820, 182.210



Achromatopsia
72, 0.009, 296.813



Achromatomaly
76, 29.392, 187.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 54.764, 182.179 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(4, 254, 229)` looks like.

```
.text, #text, p{  
    color:rgb(4, 254, 229)  
}
```

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(4, 254, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 254, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 54.764, 182.179 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(4, 254, 229) }
```

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

```
.border{ border-color:rgb(4, 254, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 254, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 254, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 254, 229);  
box-shadow:4px 4px 4px 4px rgb(4, 254,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 54.764, 182.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 254, 229) }
```

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

```
.background{ background-color: rgb(4, 254,  
229) }
```

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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