

Converting Colors

CIELCh(90, 64.932, 155.647)

Have a look what the booklet for
CIELCh(90, 64.932, 155.647)
contains.

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Color

CIELCh(90, 65.008, 155.678)

Conversions

Conversions Part 1

Format	Color
Hex	61FEAD
RGB	97, 254, 173
RGB Percent	38%, 100%, 68%
CMY	0.6204, 0.0046, 0.3222
CMYK	0.62, 0.00, 0.32, 0.00
HSL	149°, 99%, 69%
HSV	149°, 62%, 100%
XYZ	47.8144, 76.3034, 51.6549
YIQ	197.8230, -67.5710, -58.4750

Conversions

Conversions Part 2

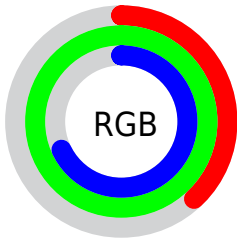
Format	Color
RYB	97, 203, 254
Decimal	6422189
CIELab	90.00, -59.24, 26.77
CIELCh	90, 65.008, 155.678
Yxy	76.3034, 0.2720, 0.4341
Android (android.graphics.Color)	4284612269 (0xFF61FEAD)
YUV	197.8230, -12.2377, -88.4218
Hunter-Lab	87.3518, -55.1588, 26.0855

Details

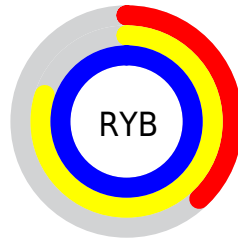
The CIELCh color **90, 65.008, 155.678** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **64, 68.094, 350.114**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 34.014, 174.003**, and **70, 64.628, 155.455** is the 20% darker color. If you saturate the color by 10%, you get **89, 73.273, 153.912**, and if you desaturate by 10%, it is **91, 55.814, 157.235**.

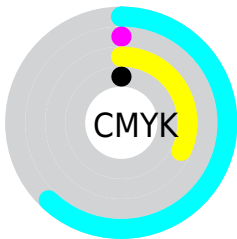
Distribution



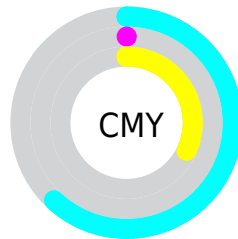
- Red (38%)
- Green (100%)
- Blue (68%)



- Red (38%)
- Yellow (80%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (62%)
- Magenta (0%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 65.008, 155.678 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, 65.008, 155.678 by changing the saturation by 10% instead.


 90, 65.008,
155.678


 90, 65.008,
155.678

 100, 65.008,
155.678


 80, 65.008,
155.678

 70, 65.008,
155.678

 60, 65.008,
155.678


 50, 65.008,
155.678

 40, 65.008,
155.678


 30, 65.008,
155.678


 20, 65.008,


155.678


 10, 65.008,
155.678


 0, 65.008, 155.678


 90, 65.008,
155.678


 90, 65.008,
155.678


 89, 73.273,
153.912


 91, 55.814,
157.235


 89, 80.506,
151.928

 92, 45.851,
158.605

 88, 86.696,
149.742

 94, 35.310,
159.812

 88, 91.086,
147.884

 95, 24.386,
160.882

■ 97, 13.257,
161.847

■ 99, 2.075, 162.893

100, 0.745,
324.052

Harmonies

Complementary

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



90, 65.008, 155.678



64, 68.094, 350.114

Rectangle

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



90, 65.008, 155.678



90, 65.008, 205.678



90, 65.008, 335.678



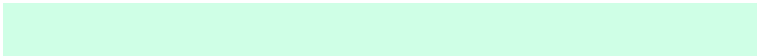
90, 65.008, 25.678

Sweetspot

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



90, 65.009, 155.678



96, 21.289, 161.168



92, 81.047, 125.786



51, 14.638, 160.882



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, 65.009, 155.678



89, 75.182, 153.503



92, 42.684, 194.955



52, 6.373, 162.065



68, 72.975, 148.307



23, 31.449, 151.532

Inverse Universe

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



64, 68.094, 350.114



60, 77.354, 352.716



62, 67.282, 27.058



50, 6.451, 343.560



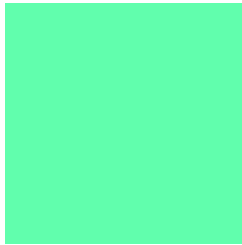
41, 68.441, 0.621



10, 32.026, 355.268

Previews

White Background



This preview shows how the CIE LCh color 90, 65.008, 155.678 looks on a white background.

Color Contrast Check

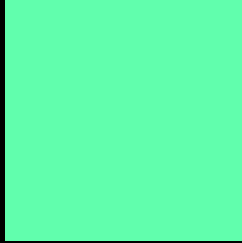
Large Text (above 18pt) WCAG AA × Fail

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, 65.008, 155.678 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, 65.008, 155.678

Background



This preview shows how black text looks on a background with the CIELCh color 90, 65.008, 155.678.

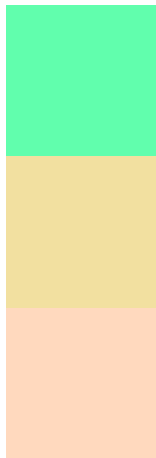


This preview shows how white text looks on a background with the CIELCh color 90, 65.008, 155.678.

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, 65.008, 155.678

Protanopia
89, 33.749, 95.126

Deuteranopia
89, 20.431, 63.012



Tritanopia
90, 27.128, 215.867

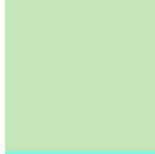
Trichromacy



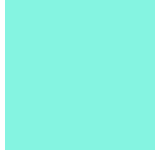
Original Color
90, 65.008, 155.678



Protanomaly
88, 40.002, 132.969



Deuteranomaly
88, 26.880, 135.362

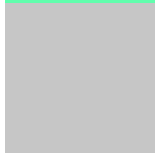


Tritanomaly
89, 36.337, 181.171

Monochromacy



Original Color
90, 65.008, 155.678



Achromatopsia
80, 0.010, 296.813



Achromatomaly
83, 25.583, 160.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 65.008, 155.678 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(97, 254, 173)` looks like.

```
.text, #text, p{  
    color:rgb(97, 254, 173)  
}
```

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(97, 254, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 254, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 65.008, 155.678 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(97, 254, 173) }
```

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

```
.border{ border-color:rgb(97, 254, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 254, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 254, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 254, 173);  
box-shadow:4px 4px 4px 4px rgb(97, 254,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 65.008, 155.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 254, 173) }
```

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

```
.background{ background-color: rgb(97, 254,  
173) }
```

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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