

Converting Colors

CIELCh(97, 68.789, 158.754)

Have a look what the booklet for
CIELCh(97, 68.789, 158.754)
contains.

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Color

CIELCh(91, 57.893, 164.043)

Conversions

Conversions Part 1

Format	Color
Hex	5EFFC5
RGB	94, 255, 197
RGB Percent	37%, 100%, 77%
CMY	0.6312, 0.0000, 0.2281
CMYK	0.63, 0.00, 0.23, 0.00
HSL	158°, 100%, 68%
HSV	158°, 63%, 100%
XYZ	50.7159, 78.4833, 65.1911
YIQ	200.2490, -77.3380, -52.1700

Conversions

Conversions Part 2

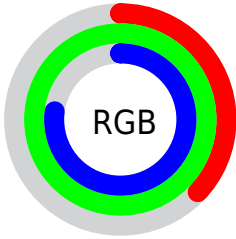
Format	Color
RYB	94, 192, 255
Decimal	6225861
CIELab	91.00, -55.66, 15.92
CIElCh	91, 57.893, 164.043
Yxy	78.4833, 0.2609, 0.4037
Android (android.graphics.Color)	4284415941 (0xFF5EFFC5)
YUV	200.2490, -1.6018, -93.1804
Hunter-Lab	88.5908, -52.8473, 18.3840

Details

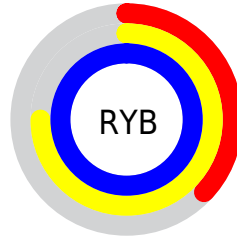
The CIELCh color **91, 57.893, 164.043** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **63, 65.767, 1.335**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 29.986, 196.574**, and **71, 56.375, 163.876** is the 20% darker color. If you saturate the color by 10%, you get **90, 64.012, 162.537**, and if you desaturate by 10%, it is **92, 49.945, 165.852**.

Distribution



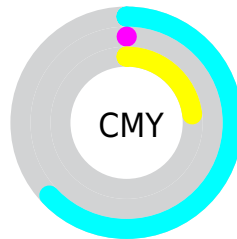
- Red (37%)
- Green (100%)
- Blue (77%)



- Red (37%)
- Yellow (75%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (63%)
- Magenta (0%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 57.893, 164.043 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 91, 57.893, 164.043 by changing the saturation by 10% instead.


 91, 57.893,
164.043


 91, 57.893,
164.043


 100, 57.893,
164.043


 81, 57.893,
164.043

 71, 57.893,
164.043

 61, 57.893,
164.043

 51, 57.893,
164.043

 41, 57.893,
164.043

 31, 57.893,
164.043

 21, 57.893,

164.043

■ 11, 57.893,
164.043

■ 1, 57.893, 164.043

■ 91, 57.893,
164.043

■ 91, 57.893,
164.043

■ 90, 64.012,
162.537

■ 92, 49.945,
165.852

■ 90, 69.560,
160.571

■ 93, 41.599,
167.243

■ 89, 74.141,
158.395

■ 94, 32.577,
168.491

■ 89, 76.866,
156.825

■ 96, 23.053,
169.622

97, 13.193,
170.665

99, 3.149, 171.739

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.



91, 57.893, 164.043



63, 65.767, 1.335

Rectangle

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



91, 57.893, 164.043



91, 57.893, 214.043



91, 57.893, 344.043



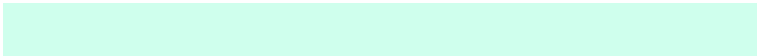
91, 57.893, 34.043

Sweetspot

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



91, 57.456, 164.291



96, 19.018, 170.061



91, 86.413, 130.667



51, 13.053, 169.758



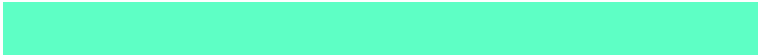
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 57.456, 164.291



90, 65.711, 161.993



86, 37.972, 214.634



52, 5.725, 171.030



69, 61.444, 157.254



23, 26.796, 160.400

Inverse Universe

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



63, 65.767, 1.335



58, 75.603, 5.325



65, 63.969, 36.151



50, 5.855, 352.685



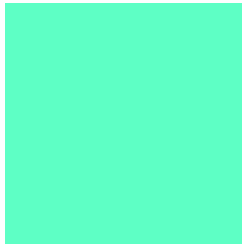
40, 68.974, 15.534



10, 31.292, 8.065

Previews

White Background



This preview shows how the CIE LCh color 91, 57.893, 164.043 looks on a white background.

Color Contrast Check

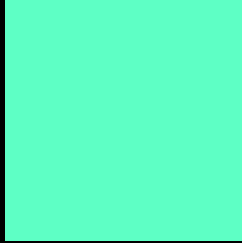
Large Text (above 18pt) WCAG AA × Fail

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 91, 57.893, 164.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

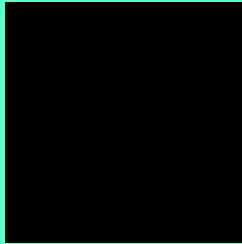
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 57.893, 164.043

Background



This preview shows how black text looks on a background with the CIELCh color 91, 57.893, 164.043.

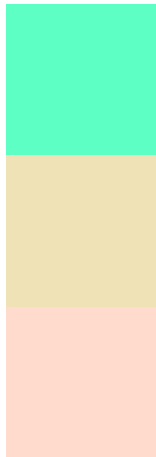


This preview shows how white text looks on a background with the CIELCh color 91, 57.893, 164.043.

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


91, 57.400, 164.366

Protanopia

90, 22.852, 94.641

Deuteranopia

90, 15.201, 46.346



Tritanopia
90, 25.572, 215.823

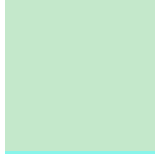
Trichromacy



Original Color
91, 57.400, 164.366



Protanomaly
89, 31.349, 143.597



Deuteranomaly
89, 20.004, 149.293

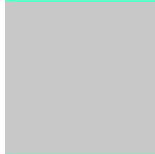


Tritanomaly
90, 34.283, 187.534

Monochromacy



Original Color
91, 57.400, 164.366



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 23.526, 169.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 57.893, 164.043 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(94, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 197)  
}
```

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(94, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 57.893, 164.043 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(94, 255, 197) }
```

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

```
.border{ border-color:rgb(94, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 57.893, 164.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 197) }
```

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

```
.background{ background-color: rgb(94, 255,  
197) }
```

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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