

Converting Colors

CIELCh(91, 43.294, 193.234)

Have a look what the booklet for
CIELCh(91, 43.294, 193.234)
contains.

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Color

CIELCh(91, 43.265, 193.263)

Conversions

Conversions Part 1

Format	Color
Hex	5DFCF7
RGB	93, 252, 247
RGB Percent	36%, 99%, 97%
CMY	0.6364, 0.0127, 0.0323
CMYK	0.63, 0.00, 0.02, 0.01
HSL	178°, 96%, 68%
HSV	178°, 63%, 99%
XYZ	55.9717, 78.4833, 100.0039
YIQ	203.8890, -93.1590, -35.2630

Conversions

Conversions Part 2

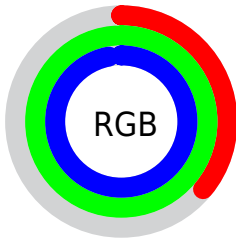
Format	Color
RYB	93, 174, 252
Decimal	6159607
CIELab	91.00, -42.11, -9.93
CIELCh	91, 43.265, 193.263
Yxy	78.4833, 0.2387, 0.3347
Android (android.graphics.Color)	4284349687 (0xFF5DFCF7)
YUV	203.8890, 21.2537, -97.2497
Hunter-Lab	88.5908, -42.2575, -4.9147

Details

The CIELCh color **91, 43.265, 193.263** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **61, 67.939, 26.417**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 29.391, 197.607**, and **71, 41.600, 193.275** is the 20% darker color. If you saturate the color by 10%, you get **90, 46.717, 192.797**, and if you desaturate by 10%, it is **92, 38.713, 193.748**.

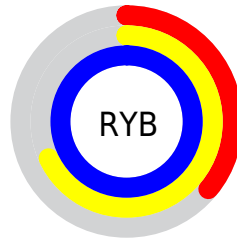
Distribution



Red (36%)

Green (99%)

Blue (97%)



Red (36%)

Yellow (68%)

Blue (99%)

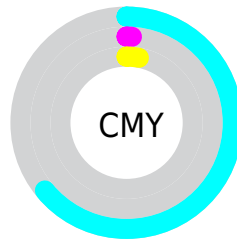


Cyan (63%)

Magenta (0%)

Yellow (2%)

Black (1%)



Cyan (64%)


Magenta (1%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 43.265, 193.263 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, 43.265, 193.263 by changing the saturation by 10% instead.


 91, 43.265,
193.263


 91, 43.265,
193.263


 100, 43.265,
193.263


 81, 43.265,
193.263

 71, 43.265,
193.263

 61, 43.265,
193.263

 51, 43.265,
193.263

 41, 43.265,
193.263

 31, 43.265,
193.263

 21, 43.265,

193.263

■ 11, 43.265,
193.263

■ 1, 43.265, 193.263

■ 91, 43.265,
193.263

■ 91, 43.265,
193.263

■ 90, 46.717,
192.797

■ 92, 38.713,
193.748

■ 90, 49.073,
192.347

■ 93, 33.121,
194.264

■ 90, 50.419,
191.898

■ 94, 26.593,
194.812

■ 90, 50.904,
191.589

■ 95, 19.262,
195.395

97, 11.277,
196.020

98, 2.781, 196.822

99, 1.173, 5.387

99, 1.333, 348.430

99, 1.582, 335.940

Harmonies

Complementary

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



91, 43.265, 193.263



61, 67.939, 26.417

Rectangle

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



91, 43.265, 193.263



91, 43.265, 243.263



91, 43.265, 13.263



91, 43.265, 63.263

Sweetspot

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



91, 43.265, 193.262



97, 16.165, 195.649



88, 93.631, 138.260



51, 11.028, 195.473



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, 43.265, 193.262



91, 47.966, 192.667



70, 44.563, 265.432



51, 4.881, 196.270



69, 40.968, 191.670



23, 18.472, 192.251

Inverse Universe

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



61, 67.939, 26.417



57, 83.311, 30.853



75, 56.030, 64.163



49, 5.167, 17.398



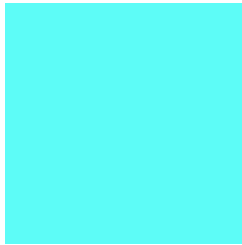
39, 82.007, 38.765



9, 31.966, 24.884

Previews

White Background



This preview shows how the CIE LCh color 91, 43.265, 193.263 looks on a white background.

Color Contrast Check

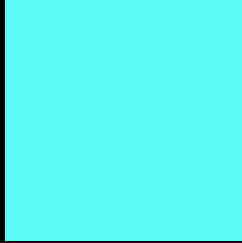
Large Text (above 18pt) WCAG AA × Fail

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, 43.265, 193.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

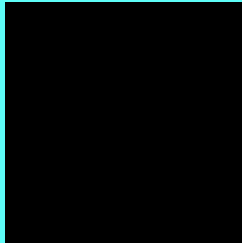
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 43.265, 193.263

Background



This preview shows how black text looks on a background with the CIELCh color 91, 43.265, 193.263.

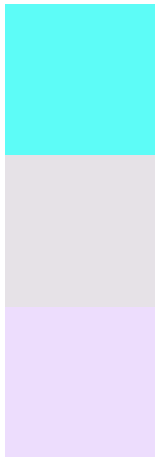


This preview shows how white text looks on a background with the CIELCh color 91, 43.265, 193.263.

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, 43.265, 193.263

Protanopia
90, 2.984, 318.829

Deuteranopia
90, 17.609, 309.641

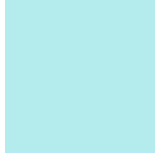


Tritanopia
91, 25.489, 214.630

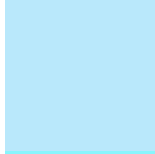
Trichromacy



Original Color
91, 43.265, 193.263



Protanomaly
90, 18.197, 201.539



Deuteranomaly
89, 17.849, 232.427

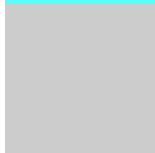


Tritanomaly
91, 32.374, 203.926

Monochromacy



Original Color
91, 43.265, 193.263



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 19.069, 196.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 43.265, 193.263 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(93, 252, 247)` looks like.

```
.text, #text, p{  
    color:rgb(93, 252, 247)  
}
```

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(93, 252, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 252, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 43.265, 193.263 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(93, 252, 247) }
```

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

```
.border{ border-color:rgb(93, 252, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 252, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 252, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 252, 247);  
box-shadow:4px 4px 4px 4px rgb(93, 252,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 43.265, 193.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 252, 247) }
```

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

```
.background{ background-color: rgb(93, 252,  
247) }
```

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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