

Converting Colors

CIELCh(92, 41.787, 196.865)

Have a look what the booklet for
CIELCh(92, 41.787, 196.865)
contains.

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Color

CIELCh(92, 41.878, 196.855)

Conversions

Conversions Part 1

Format	Color
Hex	64FEFE
RGB	100, 254, 254
RGB Percent	39%, 100%, 100%
CMY	0.6081, 0.0041, 0.0041
CMYK	0.61, 0.00, 0.00, 0.00
HSL	180°, 99%, 69%
HSV	180°, 61%, 100%
XYZ	58.5515, 80.7044, 106.2094
YIQ	207.9540, -91.7840, -32.6480

Conversions

Conversions Part 2

Format	Color
RYB	100, 177, 254
Decimal	6618878
CIELab	92.00, -40.08, -12.14
CIELCh	92, 41.878, 196.855
Yxy	80.7044, 0.2385, 0.3288
Android (android.graphics.Color)	4284808958 (0xFF64FEFE)
YUV	207.9540, 22.7007, -94.6757
Hunter-Lab	89.8356, -40.8728, -7.2115

Details

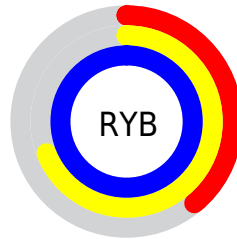
The CIELCh color **92, 41.878, 196.855** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **63, 66.336, 27.849**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.824, 197.702**, and **72, 41.267, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **91, 45.461, 196.644**, and if you desaturate by 10%, it is **93, 37.188, 197.131**.

Distribution



- Red (39%)
- Green (100%)
- Blue (100%)



- Red (39%)
- Yellow (69%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (61%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 41.878, 196.855 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 92, 41.878, 196.855 by changing the saturation by 10% instead.


 92, 41.878,
196.855


 92, 41.878,
196.855


 100, 41.878,
196.855


 82, 41.878,
196.855

 72, 41.878,
196.855

 62, 41.878,
196.855

 52, 41.878,
196.855

 42, 41.878,
196.855

 32, 41.878,
196.855

 22, 41.878,

196.855

■ 12, 41.878,
196.855

■ 2, 41.878, 196.855

■ 92, 41.878,
196.855

■ 92, 41.878,
196.855

■ 91, 45.461,
196.644

■ 93, 37.188,
197.131

■ 91, 47.933,
196.501

■ 94, 31.456,
197.475

■ 91, 49.364,
196.419

■ 95, 24.789,
197.883

■ 91, 49.959,
196.385

■ 96, 17.322,
198.353

■ 98, 9.202, 198.893

■ 100, 0.571,
200.526

100, 0.370, 17.623

100, 0.370, 17.601

100, 0.370, 17.579

Harmonies

Complementary

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



92, 41.878, 196.855



63, 66.336, 27.849

Rectangle

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



92, 41.878, 196.855



92, 41.878, 246.855



92, 41.878, 16.855



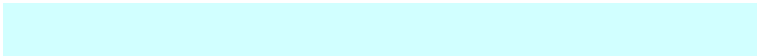
92, 41.878, 66.855

Sweetspot

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



92, 41.878, 196.853



97, 15.282, 198.487



89, 91.581, 138.804



51, 10.520, 198.339



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 41.878, 196.853



92, 46.291, 196.605



71, 44.229, 266.524



52, 4.945, 198.962



70, 40.365, 196.385



24, 18.570, 196.385

Inverse Universe

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



63, 66.336, 27.849



58, 81.401, 31.749



78, 53.956, 66.078



49, 5.254, 19.942



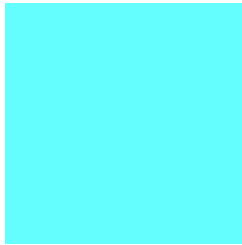
40, 84.229, 40.000



10, 33.367, 27.176

Previews

White Background



This preview shows how the CIE LCh color 92, 41.878, 196.855 looks on a white background.

Color Contrast Check

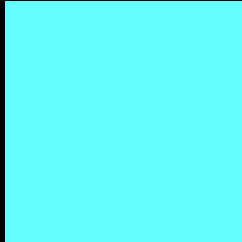
Large Text (above 18pt) WCAG AA × Fail

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 92, 41.878, 196.855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

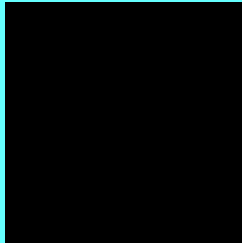
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

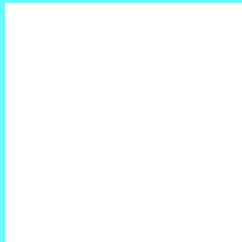
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 41.878, 196.855

Background



This preview shows how black text looks on a background with the CIELCh color 92, 41.878, 196.855.

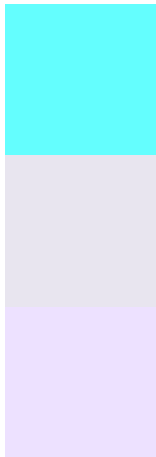


This preview shows how white text looks on a background with the CIELCh color 92, 41.878, 196.855.

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
92, 41.878, 196.855

Protanopia
91, 5.309, 302.033

Deuteranopia
91, 16.166, 306.105



Tritanopia
92, 22.730, 214.068

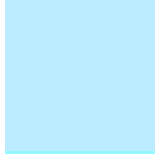
Trichromacy



Original Color
92, 41.878, 196.855



Protanomaly
91, 17.898, 208.389



Deuteranomaly
91, 18.315, 231.318

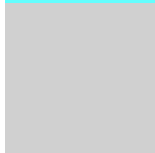


Tritanomaly
92, 30.499, 205.436

Monochromacy



Original Color
92, 41.878, 196.855



Achromatopsia
83, 0.010, 296.813



Achromatomaly
86, 18.666, 198.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 41.878, 196.855 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(100, 254, 254)` looks like.

```
.text, #text, p{  
    color:rgb(100, 254, 254)  
}
```

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(100, 254, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 254, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 41.878, 196.855 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(100, 254, 254) }
```

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

```
.border{ border-color:rgb(100, 254, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 254, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 254, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 254, 254);  
box-shadow:4px 4px 4px 4px rgb(100, 254,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 41.878, 196.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 254, 254) }
```

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

```
.background{ background-color: rgb(100,  
254, 254) }
```

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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