

Converting Colors

CIELCh(92, 41.686, 178.632)

Have a look what the booklet for
CIELCh(92, 41.686, 178.632)
contains.

CIELCh(92, 41.705, 178.634)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 41.705, 178.634)

Conversions

Conversions Part 1

Format	Color
Hex	7DFEE5
RGB	125, 254, 229
RGB Percent	49%, 100%, 90%
CMY	0.5108, 0.0049, 0.1029
CMYK	0.51, 0.00, 0.10, 0.00
HSL	168°, 98%, 74%
HSV	168°, 51%, 100%
XYZ	57.8876, 80.7044, 86.4734
YIQ	212.5790, -68.8590, -35.1230

Conversions

Conversions Part 2

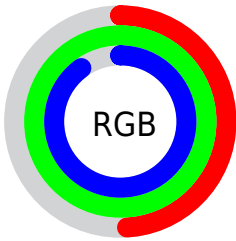
Format	Color
R_{YB}	125, 196, 254
Decimal	8257253
CIE _{Lab}	92.00, -41.69, 0.99
CIE _{LCh}	92, 41.705, 178.634
Y _{xy}	80.7044, 0.2572, 0.3586
Android (android.graphics.Color)	4286447333 (0xFF7DFEE5)
YUV	212.5790, 8.0956, -76.8068
Hunter-Lab	89.8356, -42.1920, 5.8140

Details

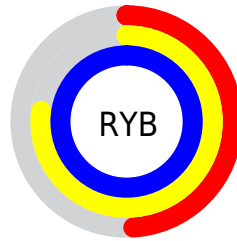
The CIELCh color **92, 41.705, 178.634** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **68, 52.384, 10.997**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.558, 198.027**, and **72, 41.745, 178.714** is the 20% darker color. If you saturate the color by 10%, you get **91, 47.753, 177.382**, and if you desaturate by 10%, it is **93, 34.748, 179.780**.

Distribution



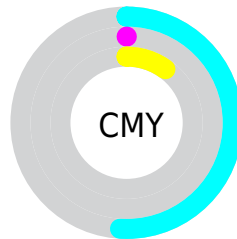
- Red (49%)
- Green (100%)
- Blue (90%)



- Red (49%)
- Yellow (77%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (51%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 41.705, 178.634 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, 41.705, 178.634 by changing the saturation by 10% instead.


 92, 41.705,
178.634


 92, 41.705,
178.634


 100, 41.705,
178.634


 82, 41.705,
178.634

 72, 41.705,
178.634

 62, 41.705,
178.634

 52, 41.705,
178.634

 42, 41.705,
178.634

 32, 41.705,
178.634

 22, 41.705,

178.634

■ 12, 41.705,
178.634

■ 2, 41.705, 178.634

■ 92, 41.705,
178.634

■ 92, 41.705,
178.634

■ 91, 47.753,
177.382

■ 93, 34.748,
179.780

■ 90, 52.788,
176.004

■ 94, 27.020,
180.845

■ 90, 56.768,
174.474

■ 96, 18.679,
181.849

■ 90, 59.734,
172.776

■ 98, 9.881, 182.818

■ 99, 0.772, 184.447

■ 89, 61.746,
171.095

100, 0.786,
324.076

Harmonies

Complementary

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



92, 41.705, 178.634



68, 52.384, 10.997

Rectangle

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



92, 41.705, 178.634



92, 41.705, 228.634



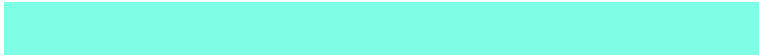
92, 41.705, 358.634



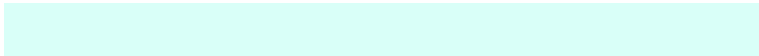
92, 41.705, 48.634

Sweetspot

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



92, 41.706, 178.632



97, 13.640, 182.416



91, 74.596, 135.802



52, 9.273, 182.212



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

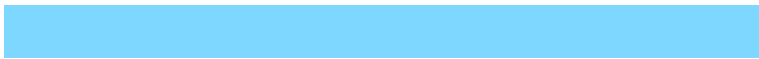
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 41.706, 178.632



92, 48.029, 177.359



82, 31.977, 238.355



52, 5.212, 182.949



69, 49.708, 171.435



23, 22.204, 173.902

Inverse Universe

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



68, 52.384, 10.997



63, 63.208, 13.691



75, 44.902, 49.028



50, 5.417, 4.559



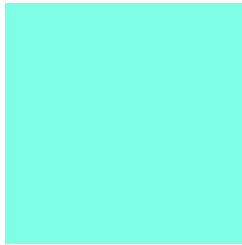
40, 75.255, 30.061



10, 32.021, 19.045

Previews

White Background



This preview shows how the CIE LCh color 92, 41.705, 178.634 looks on a white background.

Color Contrast Check

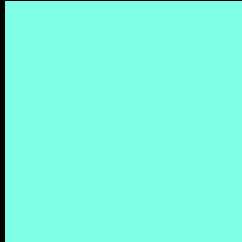
Large Text (above 18pt) WCAG AA × Fail

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, 41.705, 178.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

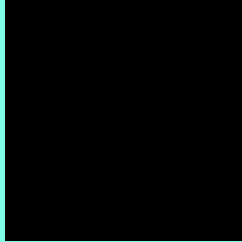
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

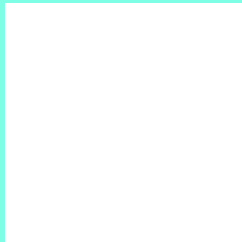
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 41.705, 178.634

Background



This preview shows how black text looks on a background with the CIELCh color 92, 41.705, 178.634.

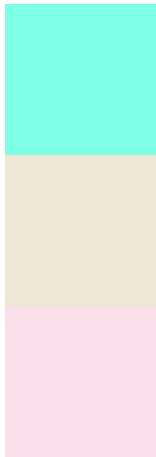


This preview shows how white text looks on a background with the CIELCh color 92, 41.705, 178.634.

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, 41.705, 178.634

Protanopia
92, 8.259, 88.701

Deuteranopia
91, 11.833, 348.658



Tritanopia
92, 20.942, 217.097

Trichromacy



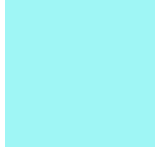
Original Color
92, 41.705, 178.634



Protanomaly
91, 17.829, 164.734



Deuteranomaly
91, 10.023, 195.812

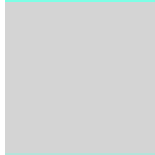


Tritanomaly
92, 27.418, 196.585

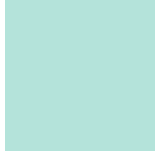
Monochromacy



Original Color
92, 41.705, 178.634



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 16.943, 182.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 41.705, 178.634 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(125, 254, 229)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 254, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 254, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 41.705, 178.634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

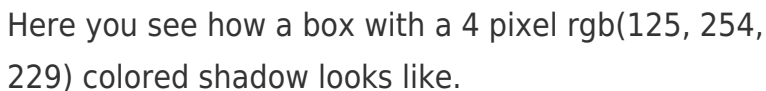
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 254, 229) }
```

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

```
.border{ border-color:rgb(125, 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(125, 254, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 254, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 254, 229); box-shadow:4px 4px 4px 4px rgb(125, 254, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 41.705, 178.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 254, 229) }
```

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

```
.background{ background-color: rgb(125,  
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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