

Converting Colors

CIELCh(92, 34.978, 201.378)

Have a look what the booklet for
CIELCh(92, 34.978, 201.378)
contains.

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Color

CIELCh(92, 35.218, 200.658)

Conversions

Conversions Part 1

Format	Color
Hex	82FBFF
RGB	130, 251, 255
RGB Percent	51%, 98%, 100%
CMY	0.4915, 0.0170, 0.0013
CMYK	0.49, 0.02, 0.00, 0.00
HSL	182°, 99%, 75%
HSV	182°, 49%, 100%
XYZ	61.5430, 80.7044, 106.6630
YIQ	215.2770, -73.4000, -24.4080

Conversions

Conversions Part 2

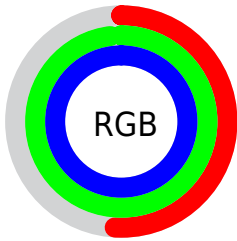
Format	Color
R_{YB}	130, 191, 255
Decimal	8584191
CIE _{Lab}	92.00, -32.95, -12.42
CIE _{LCh}	92, 35.218, 200.658
Yxy	80.7044, 0.2472, 0.3242
Android (android.graphics.Color)	4286774271 (0xFF82FBFF)
YUV	215.2770, 19.5834, -74.7879
Hunter-Lab	89.8356, -34.9288, -7.5109

Details

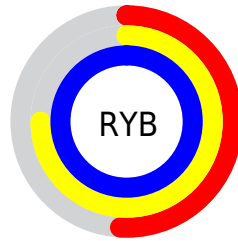
The CIELCh color **92, 35.218, 200.658** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 51.038, 27.068**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 21.100, 198.118**, and **72, 35.267, 200.392** is the 20% darker color. If you saturate the color by 10%, you get **91, 39.885, 200.602**, and if you desaturate by 10%, it is **93, 29.536, 200.816**.

Distribution



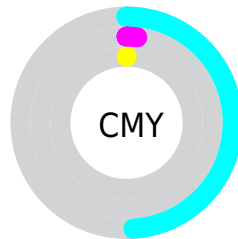
- Red (51%)
- Green (98%)
- Blue (100%)



- Red (51%)
- Yellow (75%)
- Blue (100%)



- Cyan (49%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 35.218, 200.658 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, 35.218, 200.658 by changing the saturation by 10% instead.

■ 92, 35.218,
200.658

■ 92, 35.218,
200.658

■ 100, 35.218,
200.658

■ 82, 35.218,
200.658

■ 72, 35.218,
200.658

■ 62, 35.218,
200.658

■ 52, 35.218,
200.658

■ 42, 35.218,
200.658

■ 32, 35.218,
200.658

■ 22, 35.218,

200.658

■ 12, 35.218,
200.658

■ 2, 35.218, 200.658

■ 92, 35.218,
200.658

■ 92, 35.218,
200.658

■ 91, 39.885,
200.602

■ 93, 29.536,
200.816

■ 90, 43.461,
200.665

■ 95, 22.956,
201.070

■ 90, 45.924,
200.854

■ 96, 15.614,
201.409

■ 89, 47.324,
201.173

■ 98, 7.654, 201.844

100, 0.094, 35.620

■ 89, 47.839,
201.614

100, 0.155,
109.668

■ 89, 47.868,
201.656

Harmonies

Complementary

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



92, 35.218, 200.658



69, 51.038, 27.068

Rectangle

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



92, 35.218, 200.658



92, 35.218, 250.658



92, 35.218, 20.658



92, 35.218, 70.658

Sweetspot

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



92, 35.218, 200.656



97, 12.439, 201.573



91, 75.921, 140.814



51, 8.433, 201.486



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

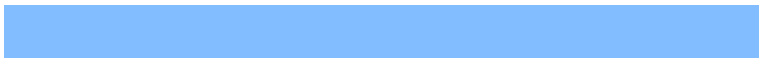
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 35.218, 200.656



91, 39.889, 200.602



75, 37.901, 266.634



52, 4.788, 201.823



68, 38.620, 201.562



23, 17.857, 200.913

Inverse Universe

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



72, 74.731, 327.968



68, 87.365, 328.417



83, 43.088, 70.853



50, 8.862, 325.817



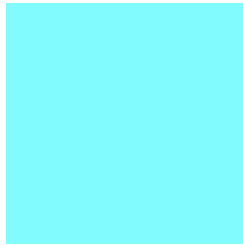
45, 90.774, 329.548



12, 41.887, 329.385

Previews

White Background



This preview shows how the CIE LCh color 92, 35.218, 200.658 looks on a white background.

Color Contrast Check

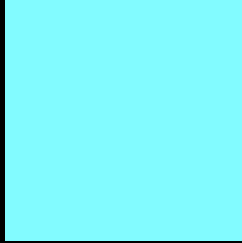
Large Text (above 18pt) WCAG AA × Fail

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, 35.218, 200.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

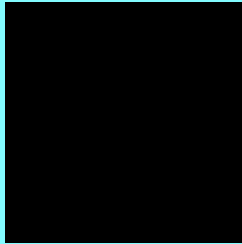
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 35.218, 200.658

Background



This preview shows how black text looks on a background with the CIELCh color 92, 35.218, 200.658.

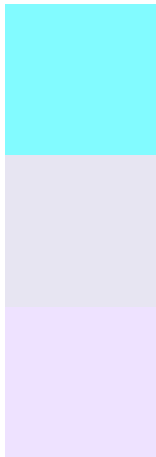


This preview shows how white text looks on a background with the CIELCh color 92, 35.218, 200.658.

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, 35.218, 200.658

Protanopia
91, 6.789, 296.616

Deuteranopia
92, 15.654, 306.571

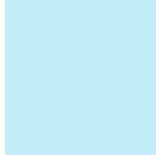


Tritanopia
92, 21.212, 216.833

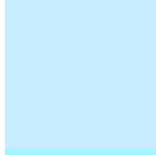
Trichromacy



Original Color
92, 35.218, 200.658



Protanomaly
91, 14.992, 218.906



Deuteranomaly
91, 15.453, 241.182

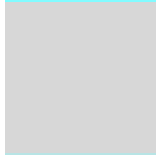


Tritanomaly
92, 26.554, 209.158

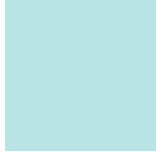
Monochromacy



Original Color
92, 35.218, 200.658



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 14.871, 200.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 35.218, 200.658 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(130, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 251, 255)  
}
```

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(130, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 251, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 35.218, 200.658 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(130, 251, 255) }
```

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

```
.border{ border-color:rgb(130, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 251,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 35.218, 200.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 251, 255) }
```

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

```
.background{ background-color: rgb(130,  
251, 255) }
```

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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