

Converting Colors

CIELCh(92, 14.015, 235.490)

Have a look what the booklet for
CIELCh(92, 14.015, 235.490)
contains.

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Color

CIELCh(92, 14.011, 235.180)

Conversions

Conversions Part 1

Format	Color
Hex	CBEEFE
RGB	203, 238, 254
RGB Percent	80%, 93%, 100%
CMY	0.2054, 0.0681, 0.0054
CMYK	0.20, 0.06, 0.00, 0.01
HSL	199°, 95%, 89%
HSV	199°, 20%, 99%
XYZ	72.8199, 80.7044, 105.1843
YIQ	229.3590, -25.9960, -2.4440

Conversions

Conversions Part 2

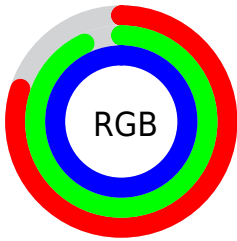
Format	Color
R _Y B	203, 224, 254
Decimal	13364990
CIE Lab	92.00, -8.00, -11.50
CIE LCh	92, 14.011, 235.180
Yxy	80.7044, 0.2815, 0.3120
Android (android.graphics.Color)	4291555070 (0xFFCBEEFE)
YUV	229.3590, 12.1480, -23.1168
Hunter-Lab	89.8356, -12.5220, -6.5349

Details

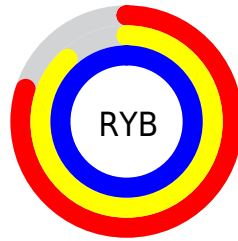
The CIELCh color **92, 14.011, 235.180** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 15.694, 51.831**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 13.952, 234.690** is the 20% darker color. If you saturate the color by 10%, you get **88, 20.430, 236.482**, and if you desaturate by 10%, it is **96, 7.201, 234.166**.

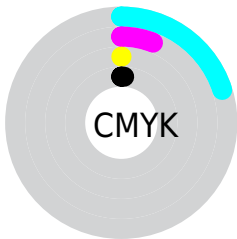
Distribution



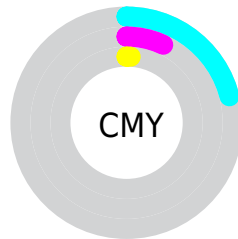
- Red (80%)
- Green (93%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)





- Cyan (21%)
- Magenta (7%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 14.011, 235.180 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, 14.011, 235.180 by changing the saturation by 10% instead.


 92, 14.011,
235.180


 92, 14.011,
235.180

 100, 14.011,
235.180


 82, 14.011,
235.180


 72, 14.011,
235.180

 62, 14.011,
235.180

 52, 14.011,
235.180

 42, 14.011,
235.180

 32, 14.011,
235.180

 22, 14.011,

235.180

■ 12, 14.011,
235.180

■ 2, 14.011, 235.180

■ 92, 14.011,
235.180

■ 92, 14.011,
235.180

■ 88, 20.430,
236.482

■ 96, 7.201, 234.166

■ 85, 26.376,
238.147

■ 99, 0.081, 240.589

■ 82, 31.770,
240.248

■ 100, 0.689,
110.014

■ 78, 36.556,
242.875

■ 75, 40.717,
246.119

■ 73, 44.304,
250.047

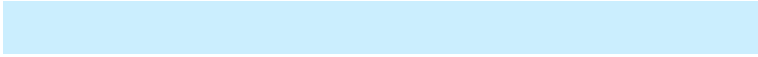
■ 70, 47.452,
254.660

■ 68, 50.385,
259.714

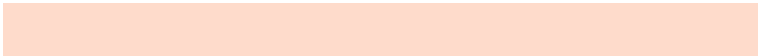
Harmonies

Complementary

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



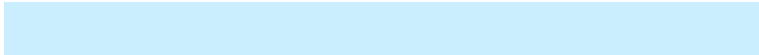
92, 14.011, 235.180



90, 15.694, 51.831

Rectangle

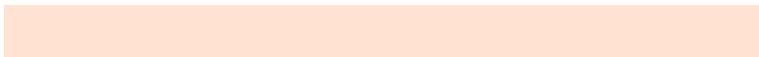
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 14.011, 235.180



92, 14.011, 285.180



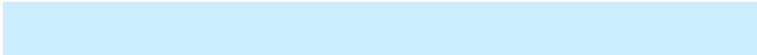
92, 14.011, 55.180



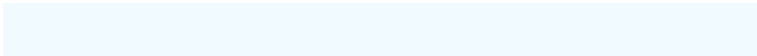
92, 14.011, 105.180

Sweetspot

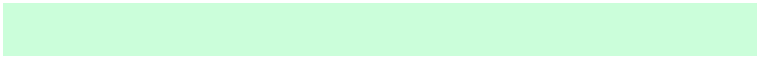
The Sweet Spot groups the original color and five complimentary colors.



92, 14.011, 235.172



98, 4.331, 233.858



95, 25.792, 152.763



52, 2.869, 233.901



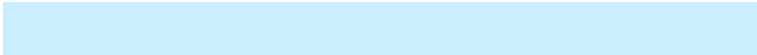
0, 0.000, 0.000



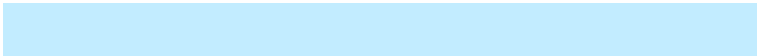
53, 0.007, 296.813

Same Dimension

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



92, 14.011, 235.172



91, 16.635, 235.646



86, 21.608, 283.058



51, 4.075, 234.116



52, 40.379, 258.755



16, 17.525, 251.626

Inverse Universe

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



87, 25.760, 336.280



85, 30.923, 336.587



96, 21.129, 98.057



50, 7.269, 335.474



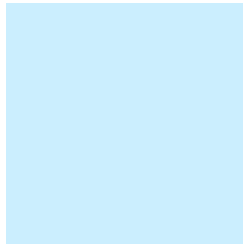
42, 73.683, 345.960



11, 34.731, 343.194

Previews

White Background



This preview shows how the CIE LCh color 92, 14.011, 235.180 looks on a white background.

Color Contrast Check

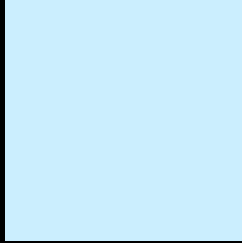
Large Text (above 18pt) WCAG AA × Fail

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, 14.011, 235.180 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

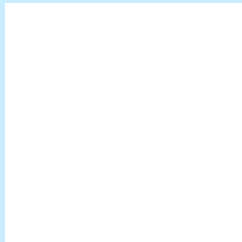
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 14.011, 235.180

Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.011, 235.180.

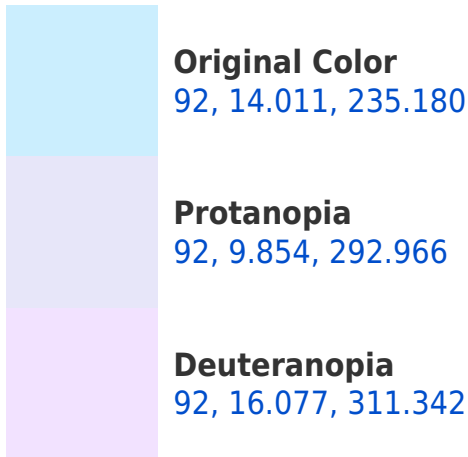


This preview shows how white text looks on a background with the CIELCh color 92, 14.011, 235.180.

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](#).

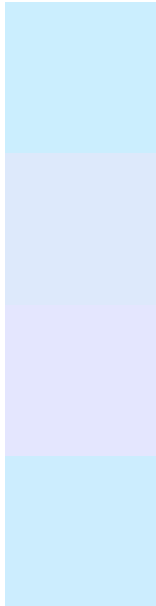
Dichromacy





Tritanopia
92, 13.877, 241.232

Trichromacy



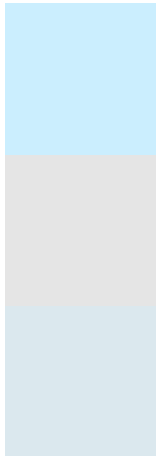
Original Color
92, 14.011, 235.180

Protanomaly
92, 10.080, 267.097

Deuteranomaly
92, 12.437, 288.037

Tritanomaly
92, 13.808, 238.616

Monochromacy



Original Color
92, 14.011, 235.180

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.427, 234.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 14.011, 235.180 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(203, 238, 254)` looks like.

```
.text, #text, p{  
    color:rgb(203, 238, 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(203, 238, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 238, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 14.011, 235.180 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(203, 238, 254) }
```

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

```
.border{ border-color:rgb(203, 238, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 238, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 238, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 238, 254);  
box-shadow:4px 4px 4px 4px rgb(203, 238,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 14.011, 235.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 238, 254) }
```

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

```
.background{ background-color: rgb(203,  
238, 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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