

Converting Colors

CIELCh(92, 15.313, 231.270)

Have a look what the booklet for
CIELCh(92, 15.313, 231.270)
contains.

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Color

CIELCh(92, 15.316, 229.265)

Conversions

Conversions Part 1

Format	Color
Hex	C6EFFE
RGB	198, 239, 254
RGB Percent	78%, 94%, 100%
CMY	0.2244, 0.0637, 0.0049
CMYK	0.22, 0.06, 0.00, 0.00
HSL	196°, 96%, 89%
HSV	196°, 22%, 100%
XYZ	71.8717, 80.7044, 105.3490
YIQ	228.4510, -29.2510, -4.0270

Conversions

Conversions Part 2

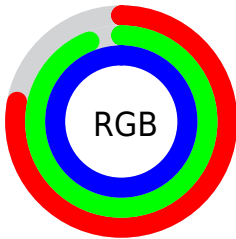
Format	Color
R _Y B	198, 222, 254
Decimal	13037566
CIE _{Lab}	92.00, -9.99, -11.61
CIE _{LCh}	92, 15.316, 229.265
Y _{xy}	80.7044, 0.2787, 0.3129
Android (android.graphics.Color)	4291227646 (0xFFC6EFFE)
YUV	228.4510, 12.5957, -26.7055
Hunter-Lab	89.8356, -14.4059, -6.6436

Details

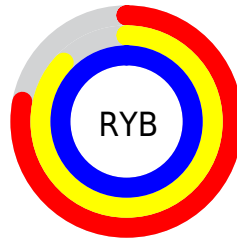
The CIELCh color `92, 15.316, 229.265` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `88, 17.571, 46.523`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 15.279, 228.606` is the 20% darker color. If you saturate the color by 10%, you get `89, 21.568, 230.371`, and if you desaturate by 10%, it is `95, 8.598, 228.427`.

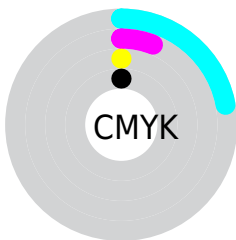
Distribution



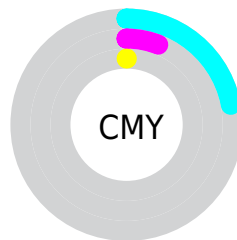
- Red (78%)
- Green (94%)
- Blue (100%)



- Red (78%)
- Yellow (87%)
- Blue (100%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (6%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 15.316, 229.265 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, 15.316, 229.265 by changing the saturation by 10% instead.


 92, 15.316,
229.265


 92, 15.316,
229.265


 100, 15.316,
229.265


 82, 15.316,
229.265


 72, 15.316,
229.265

 62, 15.316,
229.265

 52, 15.316,
229.265

 42, 15.316,
229.265

 32, 15.316,
229.265

 22, 15.316,

229.265

■ 12, 15.316,
229.265

■ 2, 15.316, 229.265

■ 92, 15.316,
229.265

■ 92, 15.316,
229.265

■ 89, 21.568,
230.371

■ 95, 8.598, 228.427

■ 86, 27.255,
231.819

■ 99, 1.507, 228.110

100, 0.620,
110.007

■ 83, 32.288,
233.684

■ 80, 36.596,
236.057

■ 77, 40.154,
239.035

■ 75, 43.007,
242.696

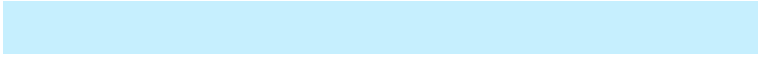
■ 73, 45.291,
247.067

■ 71, 46.893,
250.920

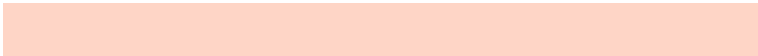
Harmonies

Complementary

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



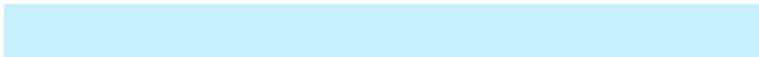
92, 15.316, 229.265



88, 17.571, 46.523

Rectangle

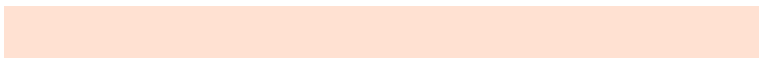
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 15.316, 229.265



92, 15.316, 279.265



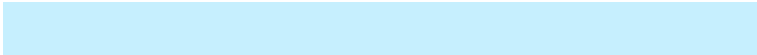
92, 15.316, 49.265



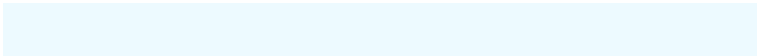
92, 15.316, 99.265

Sweetspot

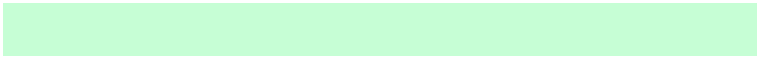
The Sweet Spot groups the original color and five complimentary colors.



92, 15.316, 229.258



98, 5.068, 228.123



95, 29.040, 151.314



52, 3.288, 228.153



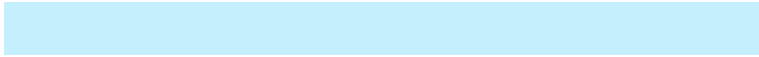
0, 0.000, 0.000



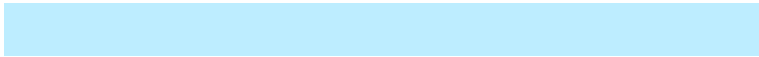
53, 0.007, 296.813

Same Dimension

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



92, 15.316, 229.258



91, 17.908, 229.661



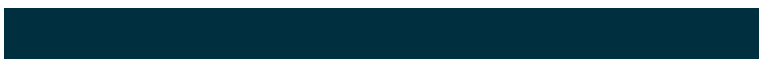
85, 22.880, 281.362



51, 4.092, 228.260



55, 37.680, 250.004



17, 16.713, 243.351

Inverse Universe

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



86, 29.222, 334.526



84, 34.586, 334.820



95, 22.462, 95.673



50, 7.511, 333.620



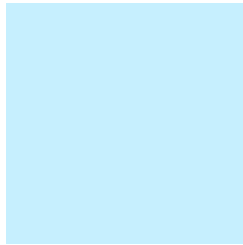
43, 75.910, 342.621



11, 35.716, 340.441

Previews

White Background



This preview shows how the CIE LCh color 92, 15.316, 229.265 looks on a white background.

Color Contrast Check

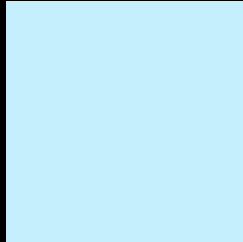
Large Text (above 18pt) WCAG AA × Fail

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, 15.316, 229.265 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, 15.316, 229.265

Background



This preview shows how black text looks on a background with the CIELCh color 92, 15.316, 229.265.



This preview shows how white text looks on a background with the CIELCh color 92, 15.316, 229.265.

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, 15.316, 229.265

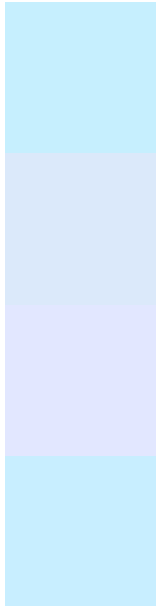
Protanopia
92, 9.337, 293.040

Deuteranopia
92, 16.077, 311.342



Tritanopia
92, 14.537, 236.200

Trichromacy



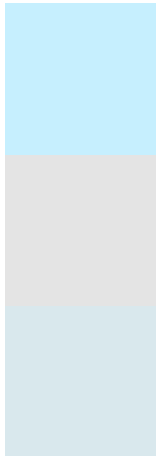
Original Color
92, 15.316, 229.265

Protanomaly
92, 9.901, 262.220

Deuteranomaly
92, 12.505, 283.390

Tritanomaly
92, 15.036, 234.735

Monochromacy



Original Color
92, 15.316, 229.265

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 5.765, 225.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 15.316, 229.265 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(198, 239, 254)` looks like.

```
.text, #text, p{  
    color:rgb(198, 239, 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(198, 239, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 239, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 15.316, 229.265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

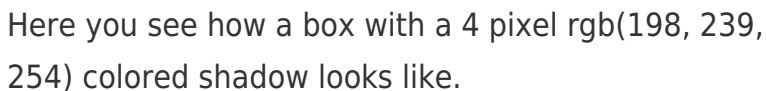
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 239, 254) }
```

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

```
.border{ border-color:rgb(198, 239, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 239, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 239, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 239, 254);  
box-shadow:4px 4px 4px 4px rgb(198, 239,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 15.316, 229.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 239, 254) }
```

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

```
.background{ background-color: rgb(198,  
239, 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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