

Converting Colors

CIELCh(92, 16.694, 226.546)

Have a look what the booklet for
CIELCh(92, 16.694, 226.546)
contains.

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Color

CIELCh(92, 16.645, 226.508)

Conversions

Conversions Part 1

Format	Color
Hex	C2F0FF
RGB	194, 240, 255
RGB Percent	76%, 94%, 100%
CMY	0.2407, 0.0603, 0.0015
CMYK	0.24, 0.06, 0.00, 0.00
HSL	195°, 99%, 88%
HSV	195°, 24%, 100%
XYZ	71.1823, 80.7044, 106.1017
YIQ	227.9560, -32.2310, -5.0870

Conversions

Conversions Part 2

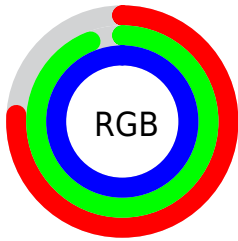
Format	Color
RYB	194, 220, 255
Decimal	12775679
CIELab	92.00, -11.46, -12.08
CIElCh	92, 16.645, 226.508
Yxy	80.7044, 0.2759, 0.3128
Android (android.graphics.Color)	4290965759 (0xFFC2F0FF)
YUV	227.9560, 13.3327, -29.7794
Hunter-Lab	89.8356, -15.7759, -7.1404

Details

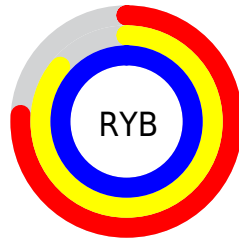
The CIELCh color `92, 16.645, 226.508` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `87, 19.444, 44.047`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 1.389, 199.794`, and `72, 16.617, 225.855` is the 20% darker color. If you saturate the color by 10%, you get `89, 22.799, 227.533`, and if you desaturate by 10%, it is `95, 9.977, 225.743`.

Distribution



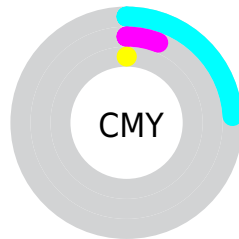
- Red (76%)
- Green (94%)
- Blue (100%)



- Red (76%)
- Yellow (86%)
- Blue (100%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (6%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 16.645, 226.508 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, 16.645, 226.508 by changing the saturation by 10% instead.


 92, 16.645,
226.508


 92, 16.645,
226.508


 100, 16.645,
226.508


 82, 16.645,
226.508


 72, 16.645,
226.508

 62, 16.645,
226.508

 52, 16.645,
226.508

 42, 16.645,
226.508

 32, 16.645,
226.508

 22, 16.645,

226.508

■ 12, 16.645,
226.508

■ 2, 16.645, 226.508

■ 92, 16.645,
226.508

■ 92, 16.645,
226.508

■ 89, 22.799,
227.533

■ 95, 9.977, 225.743

■ 99, 2.896, 225.314

■ 86, 28.337,
228.893

100, 0.187,
109.751

■ 83, 33.160,
230.662

■ 81, 37.199,
232.930

■ 78, 40.429,
235.793

■ 76, 42.901,
239.332

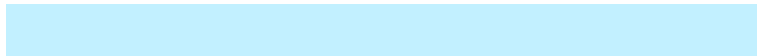
■ 74, 44.760,
243.575

■ 73, 45.733,
246.388

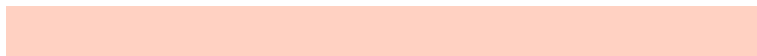
Harmonies

Complementary

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



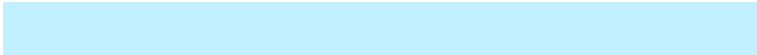
92, 16.645, 226.508



87, 19.444, 44.047

Rectangle

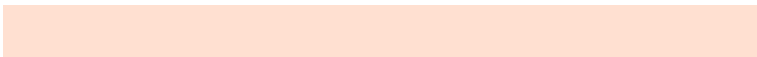
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 16.645, 226.508



92, 16.645, 276.508



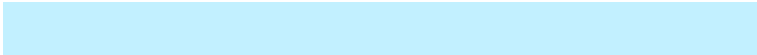
92, 16.645, 46.508



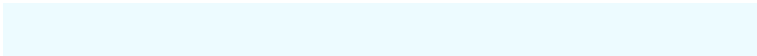
92, 16.645, 96.508

Sweetspot

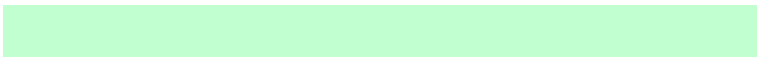
The Sweet Spot groups the original color and five complimentary colors.



92, 16.645, 226.502



98, 5.098, 225.379



95, 32.408, 149.932



52, 3.308, 225.403



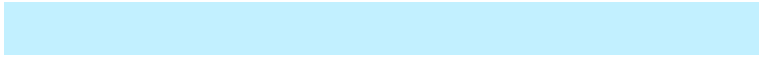
0, 0.000, 0.000



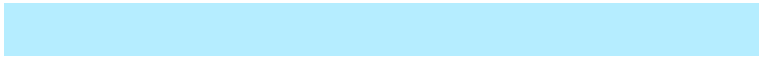
53, 0.007, 296.813

Same Dimension

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



92, 16.645, 226.502



91, 19.846, 226.985



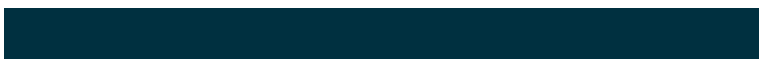
84, 23.997, 279.521



51, 4.116, 225.490



56, 36.707, 245.504



18, 16.446, 239.213

Inverse Universe

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



85, 32.310, 333.794



82, 39.153, 334.162



94, 23.699, 93.130



50, 7.630, 332.775



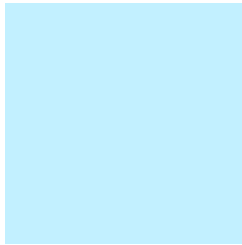
43, 77.074, 341.120



11, 36.219, 339.197

Previews

White Background



This preview shows how the CIE LCh color 92, 16.645, 226.508 looks on a white background.

Color Contrast Check

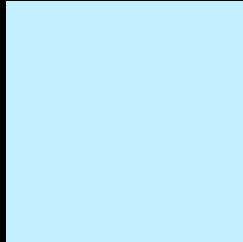
Large Text (above 18pt) WCAG AA × Fail

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, 16.645, 226.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

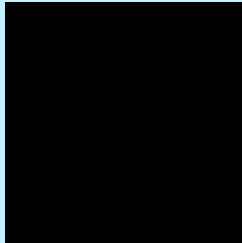
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 16.645, 226.508

Background



This preview shows how black text looks on a background with the CIELCh color 92, 16.645, 226.508.



This preview shows how white text looks on a background with the CIELCh color 92, 16.645, 226.508.

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](#).

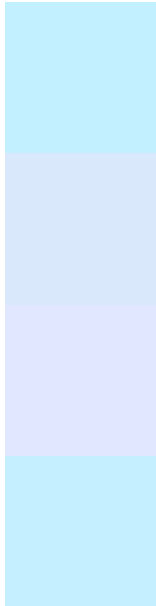
Dichromacy





Tritanopia
92, 15.288, 234.041

Trichromacy



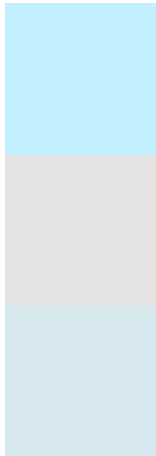
Original Color
92, 16.645, 226.508

Protanomaly
92, 10.658, 260.450

Deuteranomaly
92, 12.600, 280.355

Tritanomaly
92, 15.806, 230.406

Monochromacy



Original Color
92, 16.645, 226.508

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.586, 227.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 16.645, 226.508 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(194, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 240, 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(194, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 240, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 16.645, 226.508 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(194, 240, 255) }
```

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

```
.border{ border-color:rgb(194, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 240,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 16.645, 226.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 240, 255) }
```

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

```
.background{ background-color: rgb(194,  
240, 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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