

Converting Colors

CIELCh(95, 57.349, 276.807)

Have a look what the booklet for
CIELCh(95, 57.349, 276.807)
contains.

CIELCh(92, 22.018, 216.083)	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, 22.018, 216.083)

Conversions

Conversions Part 1

Format	Color
Hex	B0F3FF
RGB	176, 243, 255
RGB Percent	69%, 95%, 100%
CMY	0.3094, 0.0466, 0.0000
CMYK	0.31, 0.05, 0.00, 0.00
HSL	189°, 100%, 85%
HSV	189°, 31%, 100%
XYZ	68.2428, 80.7044, 107.5404
YIQ	224.3350, -43.7840, -10.4720

Conversions

Conversions Part 2

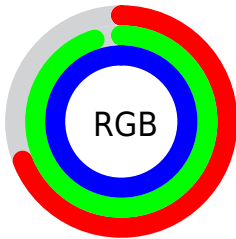
Format	Color
R_{YB}	176, 212, 255
Decimal	11596799
CIE _{Lab}	92.00, -17.79, -12.97
CIE _{LCh}	92, 22.018, 216.083
Y _{xy}	80.7044, 0.2661, 0.3147
Android (android.graphics.Color)	4289786879 (0xFFB0F3FF)
YUV	224.3350, 15.1178, -42.3898
Hunter-Lab	89.8356, -21.6165, -8.0899

Details

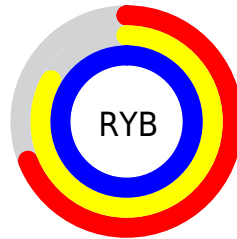
The CIELCh color **92, 22.018, 216.083** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 27.394, 34.470**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 7.521, 199.018**, and **72, 21.841, 213.920** is the 20% darker color. If you saturate the color by 10%, you get **90, 27.749, 215.090**, and if you desaturate by 10%, it is **94, 15.389, 214.210**.

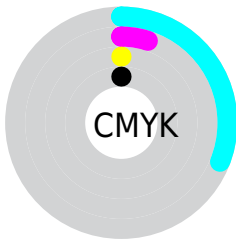
Distribution



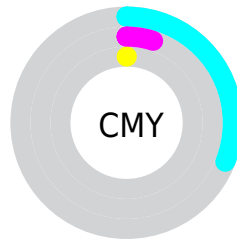
- Red (69%)
- Green (95%)
- Blue (100%)



- Red (69%)
- Yellow (83%)
- Blue (100%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 22.018, 216.083 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, 22.018, 216.083 by changing the saturation by 10% instead.


 92, 22.018,
216.083


 92, 22.018,
216.083

 100, 22.018,
216.083


 82, 22.018,
216.083

 72, 22.018,
216.083

 62, 22.018,
216.083

 52, 22.018,
216.083

 42, 22.018,
216.083

 32, 22.018,
216.083

 22, 22.018,

216.083

■ 12, 22.018,
216.083

■ 2, 22.018, 216.083

■ 92, 22.018,
216.083

■ 92, 22.018,
216.083

■ 90, 27.749,
215.090

■ 94, 15.389,
214.210

■ 88, 32.757,
215.885

■ 97, 8.287, 214.056

■ 86, 36.837,
216.991

100, 0.733,
214.813

■ 84, 39.920,
218.471

100, 0.012,
296.813

■ 82, 41.995,
220.393

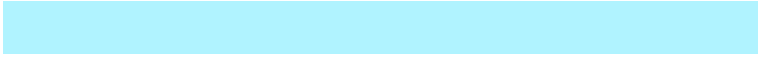
■ 81, 43.136,
222.818

■ 80, 43.564,
225.427

Harmonies

Complementary

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



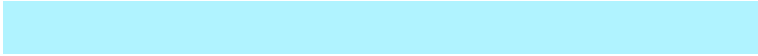
92, 22.018, 216.083



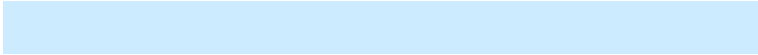
82, 27.394, 34.470

Rectangle

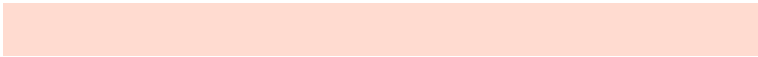
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



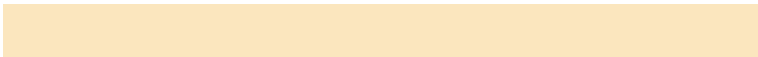
92, 22.018, 216.083



92, 22.018, 266.083



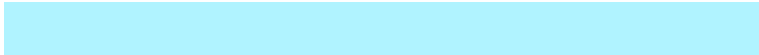
92, 22.018, 36.083



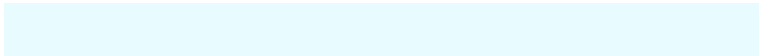
92, 22.018, 86.083

Sweetspot

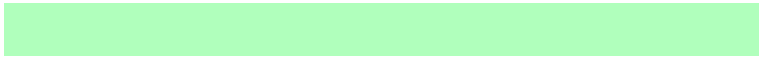
The Sweet Spot groups the original color and five complimentary colors.



92, 21.918, 214.547



98, 6.852, 214.051



94, 44.499, 146.504



52, 4.743, 214.053



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, 21.918, 214.547



91, 25.542, 214.848



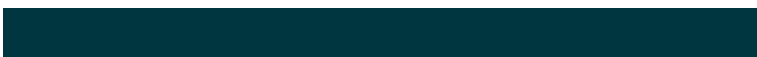
82, 28.239, 274.695



52, 4.323, 214.051



61, 35.102, 224.859



20, 16.229, 220.974

Inverse Universe

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



81, 44.578, 330.769



78, 53.075, 331.159



91, 28.623, 85.709



50, 8.163, 329.408



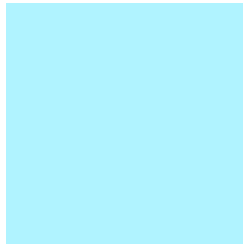
44, 82.724, 335.314



12, 38.594, 334.335

Previews

White Background



This preview shows how the CIE LCh color 92, 22.018, 216.083 looks on a white background.

Color Contrast Check

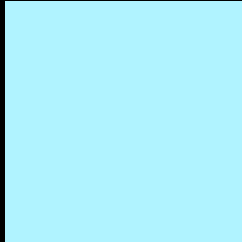
Large Text (above 18pt) WCAG AA × Fail

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, 22.018, 216.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

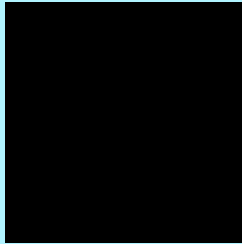
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 22.018, 216.083

Background



This preview shows how black text looks on a background with the CIELCh color 92, 22.018, 216.083.




This preview shows how white text looks on a background with the CIELCh color 92, 22.018, 216.083.

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



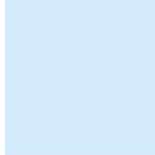


Tritanopia
92, 17.450, 225.073

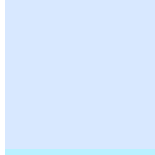
Trichromacy



Original Color
92, 21.923, 214.717



Protanomaly
92, 11.046, 243.867



Deuteranomaly
91, 12.936, 266.669

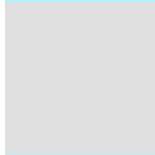


Tritanomaly
92, 18.902, 221.062

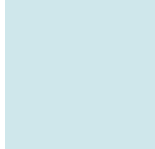
Monochromacy



Original Color
92, 21.923, 214.717



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 8.471, 213.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 22.018, 216.083 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(176, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 243, 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(176, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 243, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 22.018, 216.083 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(176, 243, 255) }
```

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

```
.border{ border-color:rgb(176, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(176, 243,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 22.018, 216.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 243, 255) }
```

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

```
.background{ background-color: rgb(176,  
243, 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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