

Converting Colors

CIELCh(92, 16.856, 209.872)

Have a look what the booklet for
CIELCh(92, 16.856, 209.872)
contains.

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Color

CIElCh(92, 16.680, 209.188)

Conversions

Conversions Part 1

Format	Color
Hex	BFF1F7
RGB	191, 241, 247
RGB Percent	75%, 95%, 97%
CMY	0.2510, 0.0549, 0.0314
CMYK	0.23, 0.02, 0.00, 0.03
HSL	186°, 78%, 86%
HSV	186°, 23%, 97%
XYZ	69.7314, 80.7044, 99.9001
YIQ	226.7340, -31.7260, -8.7340

Conversions

Conversions Part 2

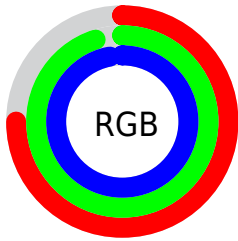
Format	Color
R_{YB}	191, 217, 247
Decimal	12579319
CIE _{Lab}	92.00, -14.56, -8.13
CIE _{LCh}	92, 16.680, 209.188
Yxy	80.7044, 0.2786, 0.3224
Android (android.graphics.Color)	4290769399 (0xFFBFF1F7)
YUV	226.7340, 9.9911, -31.3387
Hunter-Lab	89.8356, -18.6587, -3.0474

Details

The CIELCh color **92, 16.680, 209.188** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 19.528, 30.039**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 2.426, 199.524**, and **72, 16.809, 209.452** is the 20% darker color. If you saturate the color by 10%, you get **90, 23.129, 209.280**, and if you desaturate by 10%, it is **94, 9.623, 209.227**.

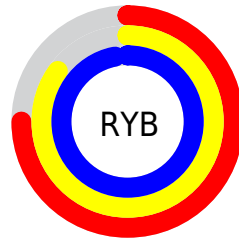
Distribution



Red (75%)

Green (95%)

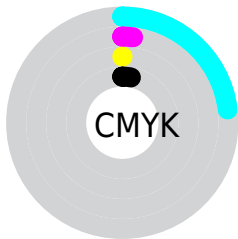
Blue (97%)



Red (75%)

Yellow (85%)

Blue (97%)

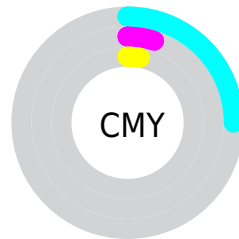


Cyan (23%)

Magenta (2%)

Yellow (0%)

Black (3%)



Cyan (25%)


Magenta (5%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 16.680, 209.188 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, 16.680, 209.188 by changing the saturation by 10% instead.


 92, 16.680,
209.188


 92, 16.680,
209.188


 100, 16.680,
209.188


 82, 16.680,
209.188


 72, 16.680,
209.188

 62, 16.680,
209.188

 52, 16.680,
209.188

 42, 16.680,
209.188

 32, 16.680,
209.188

 22, 16.680,

209.188

■ 12, 16.680,
209.188

■ 2, 16.680, 209.188

■ 92, 16.680,
209.188

■ 92, 16.680,
209.188

■ 90, 23.129,
209.280

■ 94, 9.623, 209.227

■ 88, 28.840,
209.541

■ 97, 2.082, 209.589

■ 98, 2.344, 44.104

■ 86, 33.688,
209.998

■ 99, 2.602, 82.374

■ 85, 37.571,
210.690

■ 100, 3.664,
105.641

■ 84, 40.424,
211.660

■ 100, 4.044,
109.857

■ 82, 42.244,
212.952

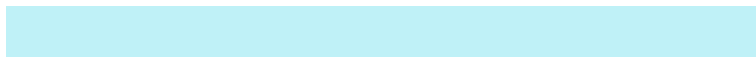
■ 81, 43.108,
214.606

■ 81, 43.291,
216.023

Harmonies

Complementary

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



92, 16.680, 209.188



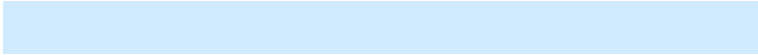
84, 19.528, 30.039

Rectangle

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



92, 16.680, 209.188



92, 16.680, 259.188



92, 16.680, 29.188



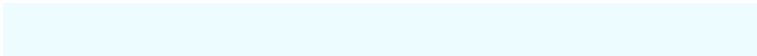
92, 16.680, 79.188

Sweetspot

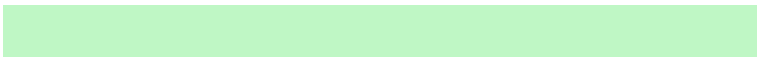
The Sweet Spot groups the original color and five complimentary colors.



92, 16.680, 209.182



98, 5.539, 209.335



92, 32.963, 145.719



52, 3.594, 209.319



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, 16.680, 209.182



94, 20.062, 209.207



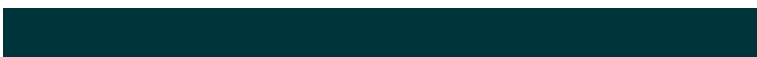
85, 18.932, 268.845



50, 4.323, 209.277



62, 35.053, 215.639



19, 15.753, 212.791

Inverse Universe

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



84, 32.854, 328.817



84, 40.134, 329.081



90, 19.416, 82.449



48, 8.138, 328.018



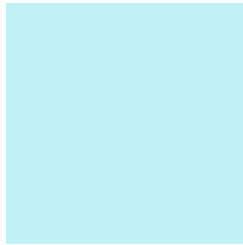
43, 83.876, 333.016



10, 37.708, 332.318

Previews

White Background



This preview shows how the CIE LCh color 92, 16.680, 209.188 looks on a white background.

Color Contrast Check

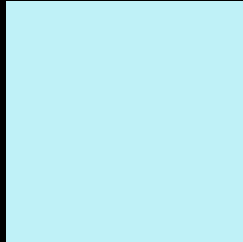
Large Text (above 18pt) WCAG AA × Fail

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, 16.680, 209.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

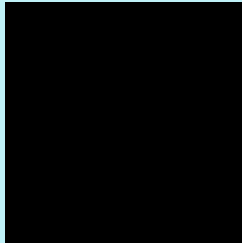
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 16.680, 209.188

Background



This preview shows how black text looks on a background with the CIELCh color 92, 16.680, 209.188.



This preview shows how white text looks on a background with the CIELCh color 92, 16.680, 209.188.

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



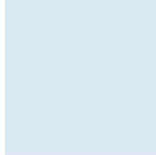


Tritanopia
92, 15.288, 234.041

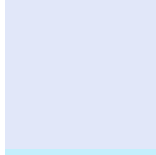
Trichromacy



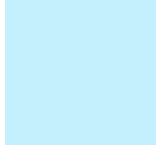
Original Color
92, 16.680, 209.188



Protanomaly
92, 7.125, 240.110



Deuteranomaly
92, 9.506, 278.463

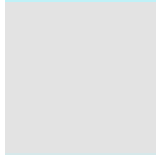


Tritanomaly
92, 15.455, 224.546

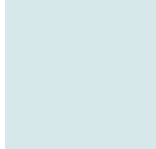
Monochromacy



Original Color
92, 16.680, 209.188



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 6.321, 208.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 16.680, 209.188 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(191, 241, 247)` looks like.

```
.text, #text, p{  
    color:rgb(191, 241, 247)  
}
```

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(191, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 241, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 16.680, 209.188 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(191, 241, 247) }
```

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

```
.border{ border-color:rgb(191, 241, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 241, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(191, 241,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 16.680, 209.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 241, 247) }
```

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

```
.background{ background-color: rgb(191,  
241, 247) }
```

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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