

Converting Colors

CIELCh(92, 18.747, 184.468)

Have a look what the booklet for
CIELCh(92, 18.747, 184.468)
contains.

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Color

CIELCh(92, 18.914, 183.883)

Conversions

Conversions Part 1

Format	Color
Hex	BDF3EA
RGB	189, 243, 234
RGB Percent	74%, 95%, 92%
CMY	0.2596, 0.0478, 0.0831
CMYK	0.22, 0.00, 0.04, 0.05
HSL	170°, 69%, 85%
HSV	170°, 22%, 95%
XYZ	67.7518, 80.7044, 89.6992
YIQ	225.8280, -29.2950, -14.2470

Conversions

Conversions Part 2

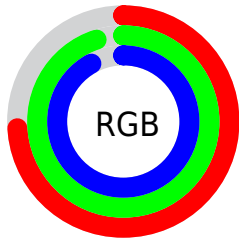
Format	Color
R _Y B	189, 218, 243
Decimal	12448746
CIE Lab	92.00, -18.87, -1.28
CIE LCh	92, 18.914, 183.883
Yxy	80.7044, 0.2845, 0.3389
Android (android.graphics.Color)	4290638826 (0xFFBDF3EA)
YUV	225.8280, 4.0288, -32.2982
Hunter-Lab	89.8356, -22.5922, 3.6850

Details

The CIELCh color **92, 18.914, 183.883** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 20.916, 8.092**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 199.421**, and **72, 18.963, 182.870** is the 20% darker color. If you saturate the color by 10%, you get **91, 26.731, 182.915**, and if you desaturate by 10%, it is **94, 10.613, 184.813**.

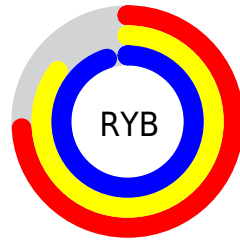
Distribution



Red (74%)

Green (95%)

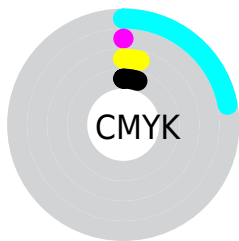
Blue (92%)



Red (74%)

Yellow (85%)

Blue (95%)

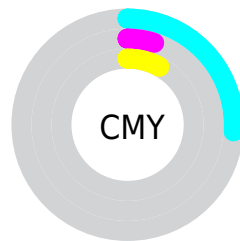


Cyan (22%)

Magenta (0%)

Yellow (4%)

Black (5%)



Cyan (26%)


Magenta (5%)

Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 18.914, 183.883 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, 18.914, 183.883 by changing the saturation by 10% instead.

 92, 18.914,
183.883


 92, 18.914,
183.883


 100, 18.914,
183.883


 82, 18.914,
183.883


 72, 18.914,
183.883

 62, 18.914,
183.883

 52, 18.914,
183.883

 42, 18.914,
183.883

 32, 18.914,
183.883

 22, 18.914,

183.883

■ 12, 18.914,
183.883

■ 2, 18.914, 183.883

■ 92, 18.914,
183.883

■ 92, 18.914,
183.883

■ 91, 26.731,
182.915

■ 94, 10.613,
184.813

■ 89, 33.911,
181.900

■ 95, 1.966, 185.936

■ 88, 40.307,
180.815

■ 97, 4.622, 359.285

■ 97, 5.683, 339.411

■ 88, 45.792,
179.640

■ 97, 7.200, 326.863

■ 87, 50.279,
178.352

■ 97, 7.598, 324.665

■ 87, 53.739,
176.929

■ 86, 56.225,
175.352

■ 86, 57.645,
174.044

Harmonies

Complementary

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



92, 18.914, 183.883



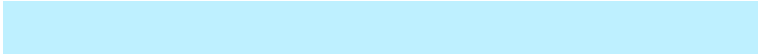
82, 20.916, 8.092

Rectangle

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



92, 18.914, 183.883



92, 18.914, 233.883



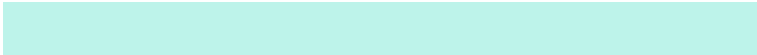
92, 18.914, 3.883



92, 18.914, 53.883

Sweetspot

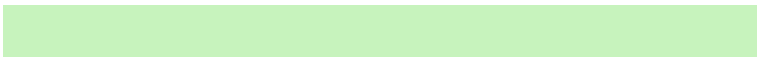
The Sweet Spot groups the original color and five complimentary colors.



92, 18.915, 183.879



99, 6.366, 185.315



92, 32.206, 138.162



53, 4.133, 185.254



0, 0.000, 0.000



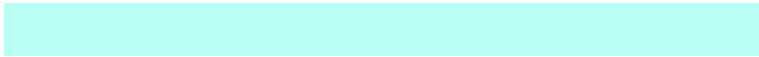
53, 0.007, 296.813

Same Dimension

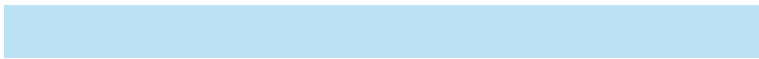
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 18.915, 183.879



95, 23.623, 183.419



88, 14.888, 235.824



50, 4.983, 185.073



68, 47.062, 174.347



21, 20.363, 176.829

Inverse Universe

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



82, 20.916, 8.092



82, 26.754, 8.732



85, 16.883, 52.050



48, 5.194, 6.629



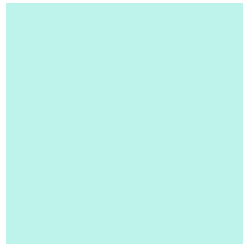
39, 75.017, 31.871



8, 30.131, 18.185

Previews

White Background



This preview shows how the CIELCh color 92, 18.914, 183.883 looks on a white background.

Color Contrast Check

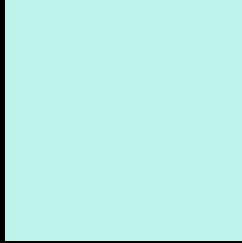
Large Text (above 18pt) WCAG AA × Fail

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, 18.914, 183.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

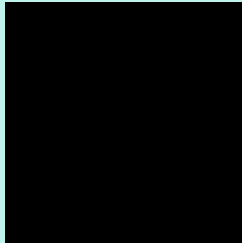
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

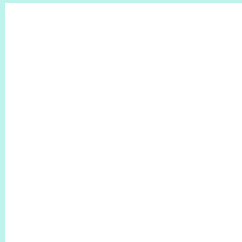
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 18.914, 183.883

Background



This preview shows how black text looks on a background with the CIELCh color 92, 18.914, 183.883.

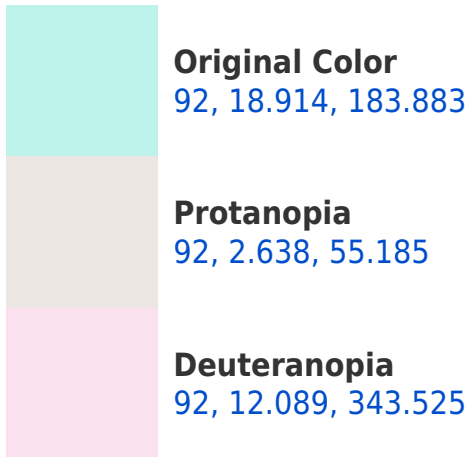


This preview shows how white text looks on a background with the CIELCh color 92, 18.914, 183.883.

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



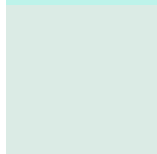


Tritanopia
92, 15.288, 234.041

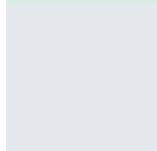
Trichromacy



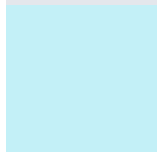
Original Color
92, 18.914, 183.883



Protanomaly
92, 6.479, 170.443



Deuteranomaly
92, 2.786, 268.189



Tritanomaly
92, 15.243, 212.327

Monochromacy



Original Color
92, 18.914, 183.883



Achromatopsia
90, 0.011, 296.813



Achromatomaly
90, 7.199, 186.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 18.914, 183.883 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(189, 243, 234)` looks like.

```
.text, #text, p{  
    color:rgb(189, 243, 234)  
}
```

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(189, 243, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 243, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 18.914, 183.883 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(189, 243, 234) }
```

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

```
.border{ border-color:rgb(189, 243, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 243, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 243, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 243, 234);  
box-shadow:4px 4px 4px 4px rgb(189, 243,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 18.914, 183.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 243, 234) }
```

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

```
.background{ background-color: rgb(189,  
243, 234) }
```

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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