

Converting Colors

CIELCh(92, 20.504, 169.760)

Have a look what the booklet for
CIELCh(92, 20.504, 169.760)
contains.

CIELCh(92, 20.611, 169.560)	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, 20.611, 169.560)

Conversions

Conversions Part 1

Format	Color
Hex	BFF3E0
RGB	191, 243, 224
RGB Percent	75%, 95%, 88%
CMY	0.2503, 0.0463, 0.1208
CMYK	0.21, 0.00, 0.08, 0.05
HSL	158°, 69%, 85%
HSV	158°, 21%, 95%
XYZ	67.1170, 80.7044, 82.6912
YIQ	225.2860, -24.8930, -16.9330

Conversions

Conversions Part 2

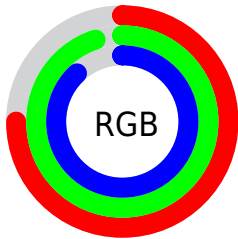
Format	Color
R_{YB}	191, 223, 243
Decimal	12579808
CIE Lab	92.00, -20.27, 3.73
CIE LCh	92, 20.611, 169.560
Yxy	80.7044, 0.2912, 0.3501
Android (android.graphics.Color)	4290769888 (0xFFBFF3E0)
YUV	225.2860, -0.6340, -30.0688
Hunter-Lab	89.8356, -23.8534, 8.3102

Details

The CIELCh color **92, 20.611, 169.560** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 21.643, 353.729**, 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, 20.623, 169.372** is the 20% darker color. If you saturate the color by 10%, you get **90, 29.880, 168.447**, and if you desaturate by 10%, it is **94, 11.054, 170.585**.

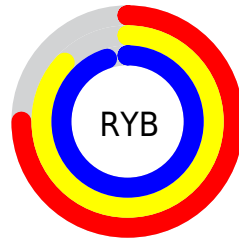
Distribution



Red (75%)

Green (95%)

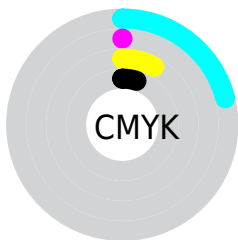
Blue (88%)



Red (75%)

Yellow (87%)

Blue (95%)

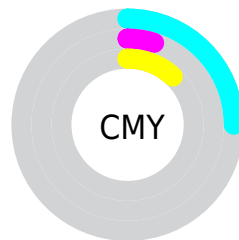


Cyan (21%)

Magenta (0%)

Yellow (8%)

Black (5%)



Cyan (25%)

Magenta (5%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 20.611, 169.560 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, 20.611, 169.560 by changing the saturation by 10% instead.

■ 92, 20.611,
169.560

■ 92, 20.611,
169.560

■ 100, 20.611,
169.560

■ 82, 20.611,
169.560

■ 72, 20.611,
169.560

■ 62, 20.611,
169.560

■ 52, 20.611,
169.560

■ 42, 20.611,
169.560

■ 32, 20.611,
169.560

■ 22, 20.611,

169.560

■ 12, 20.611,
169.560

■ 2, 20.611, 169.560

■ 92, 20.611,
169.560

■ 92, 20.611,
169.560

■ 90, 29.880,
168.447

■ 94, 11.054,
170.585

■ 89, 38.698,
167.225

■ 96, 1.344, 171.855

■ 88, 46.900,
165.864

■ 97, 5.739, 336.711

■ 97, 7.356, 324.656

■ 87, 54.330,
164.339

■ 86, 60.861,
162.624

■ 86, 66.430,
160.701

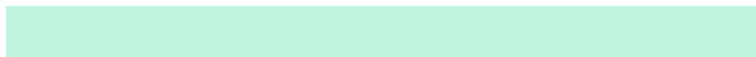
■ 85, 71.053,
158.566

■ 85, 74.436,
156.612

Harmonies

Complementary

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



92, 20.611, 169.560



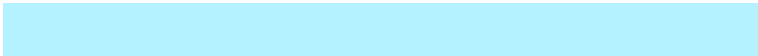
82, 21.643, 353.729

Rectangle

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



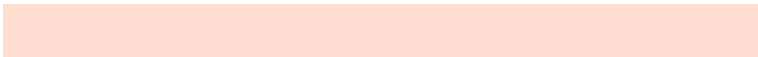
92, 20.611, 169.560



92, 20.611, 219.560



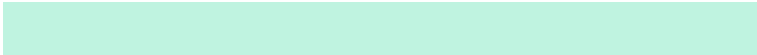
92, 20.611, 349.560



92, 20.611, 39.560

Sweetspot

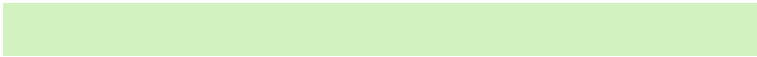
The Sweet Spot groups the original color and five complimentary colors.



92, 20.613, 169.557



99, 6.064, 171.134



92, 29.353, 132.630



53, 4.022, 171.064



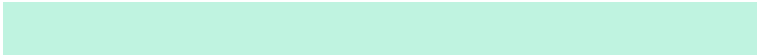
0, 0.000, 0.000



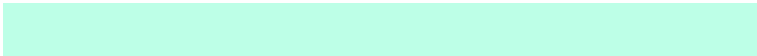
53, 0.007, 296.813

Same Dimension

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



92, 20.613, 169.557



95, 25.909, 169.050



91, 15.289, 212.182



50, 5.551, 170.776



67, 60.463, 157.025



21, 25.336, 160.508

Inverse Universe

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



82, 21.643, 353.729



83, 27.507, 354.298



84, 17.719, 32.443



48, 5.674, 352.420



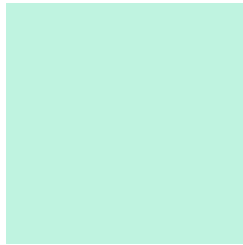
39, 67.494, 15.034



9, 29.617, 6.679

Previews

White Background



This preview shows how the CIE LCh color 92, 20.611, 169.560 looks on a white background.

Color Contrast Check

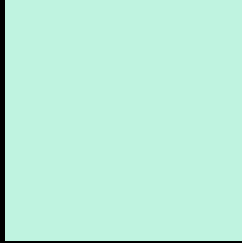
Large Text (above 18pt) WCAG AA × Fail

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, 20.611, 169.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

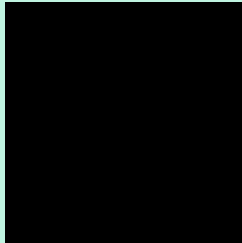
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 20.611, 169.560

Background



This preview shows how black text looks on a background with the CIELCh color 92, 20.611, 169.560.

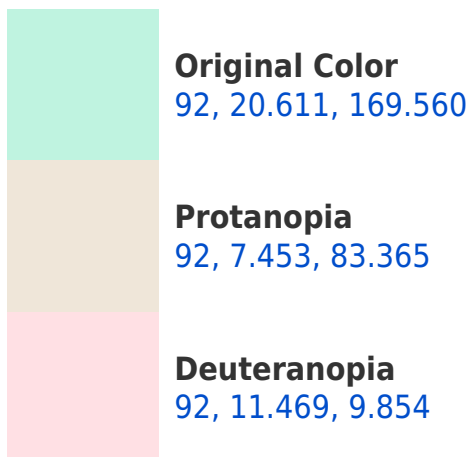


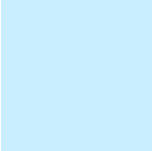
This preview shows how white text looks on a background with the CIELCh color 92, 20.611, 169.560.

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



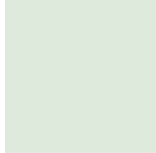


Tritanopia
92, 14.786, 235.454

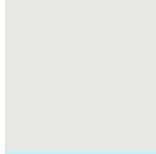
Trichromacy



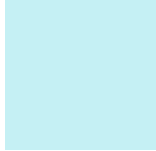
Original Color
92, 20.611, 169.560



Protanomaly
92, 9.082, 140.483

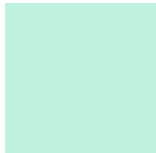


Deuteranomaly
92, 2.083, 100.077

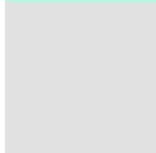


Tritanomaly
92, 14.466, 206.792

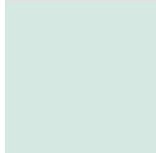
Monochromacy



Original Color
92, 20.611, 169.560



Achromatopsia
90, 0.011, 296.813



Achromatomaly
90, 7.677, 170.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 20.611, 169.560 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, 243, 224)` looks like.

```
.text, #text, p{  
    color:rgb(191, 243, 224)  
}
```

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, 243, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 243, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 20.611, 169.560 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, 243, 224) }
```

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

```
.border{ border-color:rgb(191, 243, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 243, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 243, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 243, 224);  
box-shadow:4px 4px 4px 4px rgb(191, 243,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 20.611, 169.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 243, 224) }
```

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

```
.background{ background-color: rgb(191,  
243, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor