

Converting Colors

CIELCh(92, 25.430, 156.178)

Have a look what the booklet for
CIELCh(92, 25.430, 156.178)
contains.

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Color

CIElCh(92, 25.100, 156.666)

Conversions

Conversions Part 1

Format	Color
Hex	BFF4D4
RGB	191, 244, 212
RGB Percent	75%, 96%, 83%
CMY	0.2501, 0.0422, 0.1678
CMYK	0.22, 0.00, 0.13, 0.04
HSL	144°, 71%, 85%
HSV	144°, 22%, 96%
XYZ	65.8689, 80.7044, 74.5364
YIQ	224.5050, -21.3160, -21.1880

Conversions

Conversions Part 2

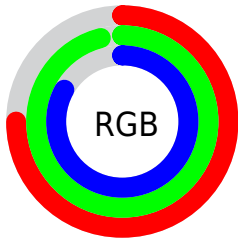
Format	Color
R _Y B	191, 229, 244
Decimal	12580052
CIE Lab	92.00, -23.05, 9.94
CIE LCh	92, 25.100, 156.666
Yxy	80.7044, 0.2979, 0.3650
Android (android.graphics.Color)	4290770132 (0xFFBFF4D4)
YUV	224.5050, -6.1650, -29.3839
Hunter-Lab	89.8356, -26.3334, 13.6922

Details

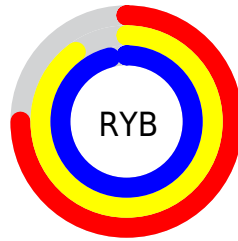
The CIELCh color **92, 25.100, 156.666** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 25.503, 340.170**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 2.426, 199.524**, and **72, 25.409, 155.994** is the 20% darker color. If you saturate the color by 10%, you get **90, 36.522, 155.647**, and if you desaturate by 10%, it is **94, 13.529, 157.570**.

Distribution



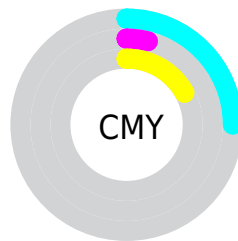
- Red (75%)
- Green (96%)
- Blue (83%)



- Red (75%)
- Yellow (90%)
- Blue (96%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (25%)
- Magenta (4%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 25.100, 156.666 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, 25.100, 156.666 by changing the saturation by 10% instead.

 92, 25.100,
156.666


 92, 25.100,
156.666

 100, 25.100,
156.666

 82, 25.100,
156.666

 72, 25.100,
156.666

 62, 25.100,
156.666

 52, 25.100,
156.666

 42, 25.100,
156.666

 32, 25.100,
156.666

 22, 25.100,

156.666

■ 12, 25.100,
156.666

■ 2, 25.100, 156.666

■ 92, 25.100,
156.666

■ 92, 25.100,
156.666

■ 90, 36.522,
155.647

■ 94, 13.529,
157.570

■ 89, 47.605,
154.487

■ 96, 1.956, 158.547

■ 88, 58.146,
153.160

■ 97, 6.709, 324.629

■ 87, 67.938,
151.643

■ 86, 76.795,
149.920

■ 85, 84.582,
147.993

■ 85, 91.248,
145.887

■ 85, 96.017,
144.091

Harmonies

Complementary

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



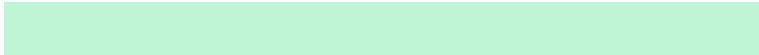
92, 25.100, 156.666



83, 25.503, 340.170

Rectangle

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



92, 25.100, 156.666



92, 25.100, 206.666



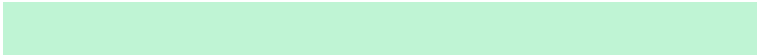
92, 25.100, 336.666



92, 25.100, 26.666

Sweetspot

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



92, 25.102, 156.665



98, 8.363, 157.973



94, 28.109, 123.773



52, 5.436, 157.921



0, 0.000, 0.000



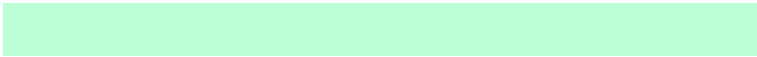
53, 0.007, 296.813

Same Dimension

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



92, 25.102, 156.665



95, 31.104, 156.237



93, 18.164, 188.070



50, 6.576, 157.761



66, 77.626, 144.490



21, 32.033, 147.957

Inverse Universe

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



83, 25.503, 340.170



84, 31.686, 340.562



82, 20.320, 11.892



48, 6.630, 339.135



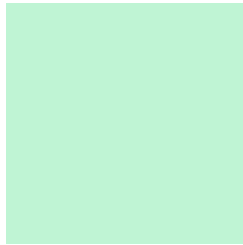
41, 69.098, 352.585



9, 31.553, 348.254

Previews

White Background



This preview shows how the CIELCh color 92, 25.100, 156.666 looks on a white background.

Color Contrast Check

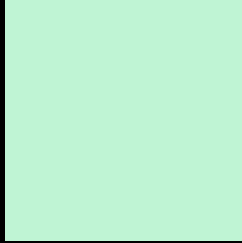
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 92, 25.100, 156.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

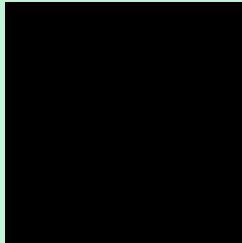
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

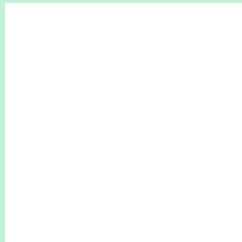
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 25.100, 156.666

Background



This preview shows how black text looks on a background with the CIELCh color 92, 25.100, 156.666.

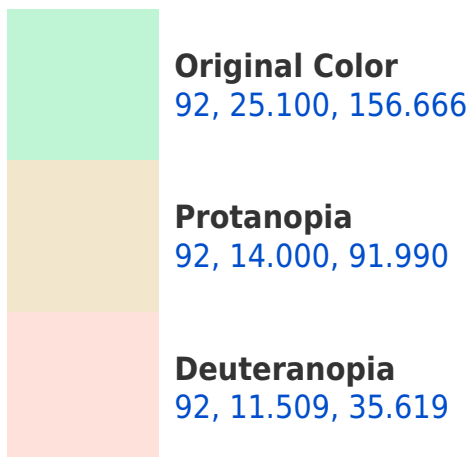


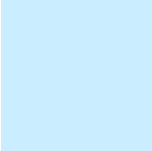
This preview shows how white text looks on a background with the CIELCh color 92, 25.100, 156.666.

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



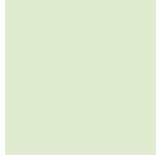


Tritanopia
92, 14.589, 238.707

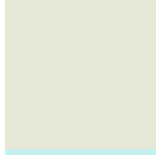
Trichromacy



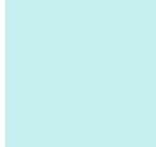
Original Color
92, 25.100, 156.666



Protanomaly
92, 15.096, 125.973



Deuteranomaly
92, 7.730, 109.547

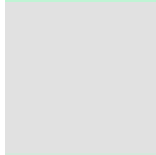


Tritanomaly
92, 14.220, 196.415

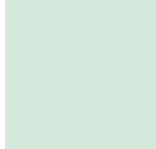
Monochromacy



Original Color
92, 25.100, 156.666



Achromatopsia
90, 0.011, 296.813



Achromatomaly
90, 9.255, 156.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 25.100, 156.666 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, 244, 212)` looks like.

```
.text, #text, p{  
    color:rgb(191, 244, 212)  
}
```

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, 244, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 244, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 25.100, 156.666 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, 244, 212) }
```

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

```
.border{ border-color:rgb(191, 244, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 244, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 244, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 244, 212);  
box-shadow:4px 4px 4px 4px rgb(191, 244,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 25.100, 156.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 244, 212) }
```

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

```
.background{ background-color: rgb(191,  
244, 212) }
```

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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