

Converting Colors

CIELCh(92, 30.690, 156.382)

Have a look what the booklet for
CIELCh(92, 30.690, 156.382)
contains.

CIELCh(92, 30.831, 156.753)	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, 30.831, 156.753)

Conversions

Conversions Part 1

Format	Color
Hex	B5F7D0
RGB	181, 247, 208
RGB Percent	71%, 97%, 82%
CMY	0.2911, 0.0323, 0.1853
CMYK	0.27, 0.00, 0.16, 0.03
HSL	145°, 80%, 84%
HSV	145°, 27%, 97%
XYZ	63.5385, 80.7044, 71.7468
YIQ	222.8200, -26.8170, -26.1210

Conversions

Conversions Part 2

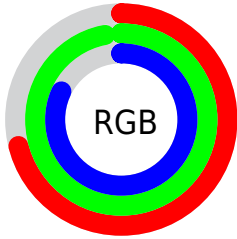
Format	Color
RYB	181, 228, 247
Decimal	11925456
CIELab	92.00, -28.33, 12.17
CIELCh	92, 30.831, 156.753
Yxy	80.7044, 0.2942, 0.3736
Android (android.graphics.Color)	4290115536 (0xFFB5F7D0)
YUV	222.8200, -7.3063, -36.6761
Hunter-Lab	89.8356, -30.9637, 15.5333

Details

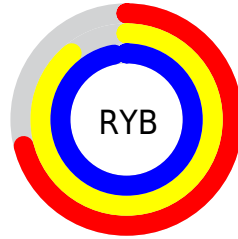
The CIELCh color **92, 30.831, 156.753** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 31.471, 341.268**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **72, 30.339, 157.019** is the 20% darker color. If you saturate the color by 10%, you get **90, 42.075, 155.658**, and if you desaturate by 10%, it is **94, 19.341, 157.718**.

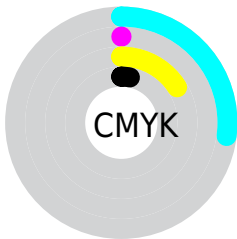
Distribution



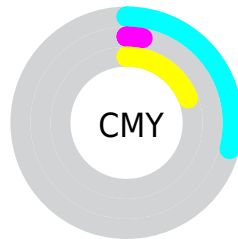
- Red (71%)
- Green (97%)
- Blue (82%)



- Red (71%)
- Yellow (89%)
- Blue (97%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (3%)



- Cyan (29%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 30.831, 156.753 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, 30.831, 156.753 by changing the saturation by 10% instead.

■ 92, 30.831,
156.753

■ 92, 30.831,
156.753

■ 100, 30.831,
156.753

■ 82, 30.831,
156.753

■ 72, 30.831,
156.753

■ 62, 30.831,
156.753

■ 52, 30.831,
156.753

■ 42, 30.831,
156.753

■ 32, 30.831,
156.753

■ 22, 30.831,

156.753

■ 12, 30.831,
156.753

■ 2, 30.831, 156.753

■ 92, 30.831,
156.753

■ 92, 30.831,
156.753

■ 90, 42.075,
155.658

■ 94, 19.341,
157.718

■ 89, 52.873,
154.410

■ 96, 7.771, 158.599

■ 88, 63.018,
152.982

■ 98, 3.743, 339.179

■ 98, 5.134, 324.560

■ 87, 72.313,
151.355

■ 87, 80.599,
149.518

■ 86, 87.785,
147.482

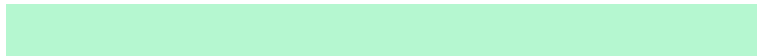
■ 86, 93.880,
145.292

■ 86, 95.699,
144.593

Harmonies

Complementary

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



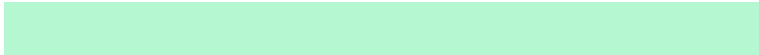
92, 30.831, 156.753



81, 31.471, 341.268

Rectangle

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



92, 30.831, 156.753



92, 30.831, 206.753



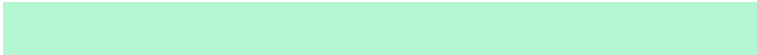
92, 30.831, 336.753



92, 30.831, 26.753

Sweetspot

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



92, 30.833, 156.752



98, 9.471, 158.488



94, 34.992, 124.139



52, 6.735, 158.357



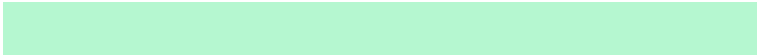
0, 0.000, 0.000



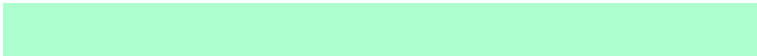
53, 0.007, 296.813

Same Dimension

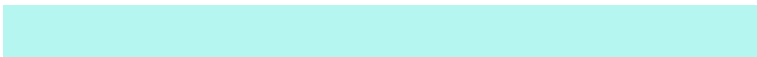
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 30.833, 156.752



94, 37.776, 156.189



93, 22.105, 189.079



50, 6.513, 158.360



66, 76.745, 145.009



21, 31.673, 148.499

Inverse Universe

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



81, 31.471, 341.268



80, 38.681, 341.783



80, 25.604, 13.827



48, 6.569, 339.751



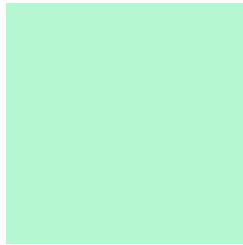
41, 68.709, 353.706



9, 31.357, 349.156

Previews

White Background



This preview shows how the CIE LCh color 92, 30.831, 156.753 looks on a white background.

Color Contrast Check

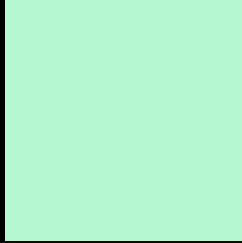
Large Text (above 18pt) WCAG AA × Fail

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, 30.831, 156.753 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

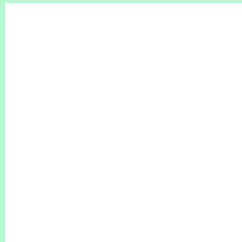
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 30.831, 156.753

Background



This preview shows how black text looks on a background with the CIELCh color 92, 30.831, 156.753.

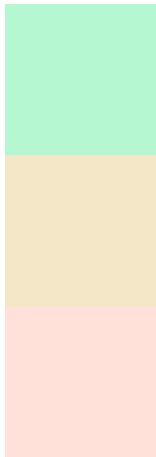


This preview shows how white text looks on a background with the CIELCh color 92, 30.831, 156.753.

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



Original Color
92, 30.831, 156.753

Protanopia
92, 16.585, 93.036

Deuteranopia
92, 11.867, 40.330

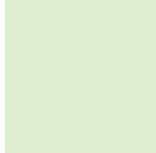


Tritanopia
92, 15.796, 232.724

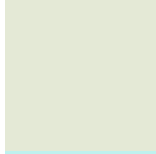
Trichromacy



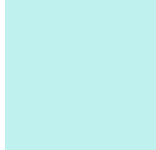
Original Color
92, 30.831, 156.753



Protanomaly
92, 18.615, 128.428

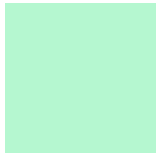


Deuteranomaly
92, 9.975, 119.919

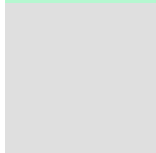


Tritanomaly
92, 16.894, 193.026

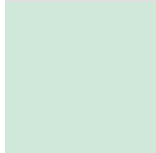
Monochromacy



Original Color
92, 30.831, 156.753



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 11.645, 156.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 30.831, 156.753 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(181, 247, 208)` looks like.

```
.text, #text, p{  
    color:rgb(181, 247, 208)  
}
```

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(181, 247, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 247, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 30.831, 156.753 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(181, 247, 208) }
```

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

```
.border{ border-color:rgb(181, 247, 208) }
```

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

Here you see how a box with a 4 pixel rgb(181, 247, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 247, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 247, 208);  
box-shadow:4px 4px 4px 4px rgb(181, 247,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 30.831, 156.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 247, 208) }
```

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

```
.background{ background-color: rgb(181,  
247, 208) }
```

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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