

Converting Colors

CIELCh(90, 29.542, 143.185)

Have a look what the booklet for
CIELCh(90, 29.542, 143.185)
contains.

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Color

CIELCh(90, 29.202, 143.204)

Conversions

Conversions Part 1

Format	Color
Hex	C0EEC0
RGB	192, 238, 192
RGB Percent	75%, 93%, 75%
CMY	0.2463, 0.0659, 0.2463
CMYK	0.19, 0.00, 0.19, 0.07
HSL	120°, 58%, 84%
HSV	120°, 19%, 93%
XYZ	61.9488, 76.3034, 61.4374
YIQ	219.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

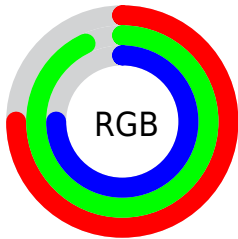
Format	Color
RYB	192, 238, 238
Decimal	12644032
CIELab	90.00, -23.38, 17.49
CIELCh	90, 29.202, 143.204
Yxy	76.3034, 0.3102, 0.3821
Android (android.graphics.Color)	4290834112 (0xFFC0EEC0)
YUV	219.0020, -13.3120, -23.6808
Hunter-Lab	87.3518, -26.2757, 19.4456

Details

The CIELCh color **90, 29.202, 143.204** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 29.225, 325.495**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.145, 140.427**, and **70, 29.387, 142.856** is the 20% darker color. If you saturate the color by 10%, you get **88, 44.306, 142.387**, and if you desaturate by 10%, it is **92, 14.020, 143.910**.

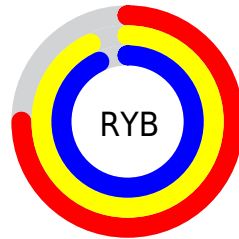
Distribution



Red (75%)

Green (93%)

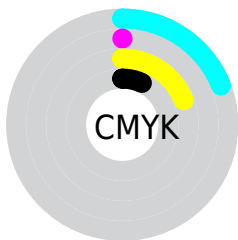
Blue (75%)



Red (75%)

Yellow (93%)

Blue (93%)

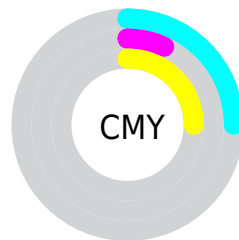


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (7%)



Cyan (25%)


Magenta (7%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 29.202, 143.204 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 90, 29.202, 143.204 by changing the saturation by 10% instead.


 90, 29.202,
143.204


 90, 29.202,
143.204


 100, 29.202,
143.204


 80, 29.202,
143.204

 70, 29.202,
143.204

 60, 29.202,
143.204


 50, 29.202,
143.204

 40, 29.202,
143.204


 30, 29.202,
143.204


 20, 29.202,

143.204


 10, 29.202,
143.204

 0, 29.202, 143.204

 90, 29.202,
143.204


 90, 29.202,
143.204


 88, 44.306,
142.387


 92, 14.020,
143.910

 87, 59.035,
141.446

 94, 1.031, 324.192

 85, 73.012,
140.389

 96, 10.481,
324.776

 84, 85.766,
139.255

■ 84, 96.730,
138.122

■ 83, 105.285,
137.121

■ 83, 110.895,
136.402

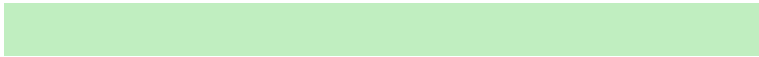
■ 83, 113.609,
136.036

■ 83, 113.754,
136.016

Harmonies

Complementary

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



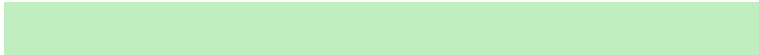
90, 29.202, 143.204



83, 29.225, 325.495

Rectangle

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



90, 29.202, 143.204



90, 29.202, 193.204



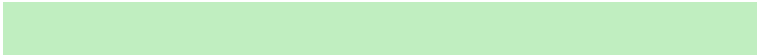
90, 29.202, 323.204



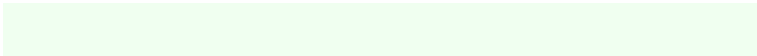
90, 29.202, 13.204

Sweetspot

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



90, 29.204, 143.204



99, 9.517, 144.127



93, 23.151, 107.604



52, 6.316, 144.084



0, 0.000, 0.000



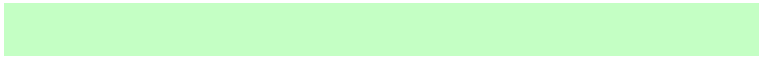
53, 0.007, 296.813

Same Dimension

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



90, 29.204, 143.204



95, 36.767, 142.910



90, 20.492, 161.096



49, 8.595, 143.899



65, 93.587, 136.016



19, 39.681, 137.801

Inverse Universe

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



83, 29.225, 325.495



86, 36.785, 325.701



82, 20.958, 344.423



47, 8.608, 324.942



44, 90.297, 328.231



10, 39.418, 328.231

Previews

White Background



This preview shows how the CIELCh color 90, 29.202, 143.204 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 90, 29.202, 143.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

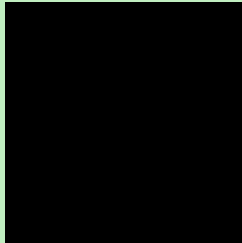
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

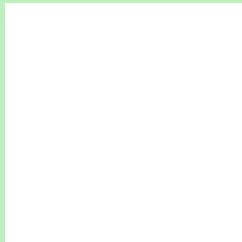
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 29.202, 143.204

Background



This preview shows how black text looks on a background with the CIELCh color 90, 29.202, 143.204.

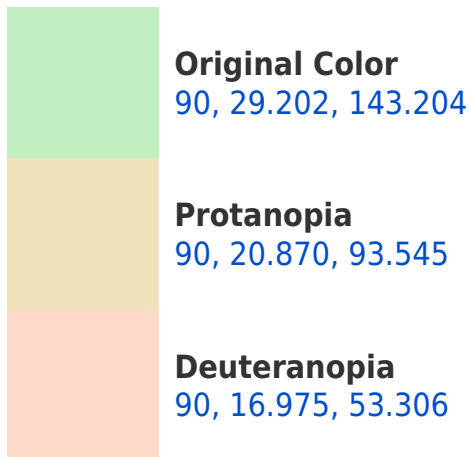


This preview shows how white text looks on a background with the CIELCh color 90, 29.202, 143.204.

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



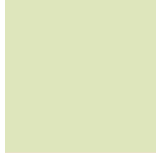


Tritanopia
90, 13.376, 246.805

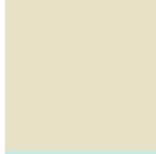
Trichromacy



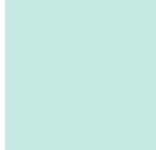
Original Color
90, 29.202, 143.204



Protanomaly
90, 21.871, 116.355

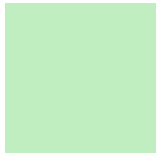


Deuteranomaly
89, 14.723, 98.660

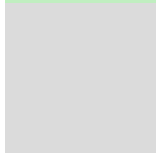


Tritanomaly
90, 12.414, 186.482

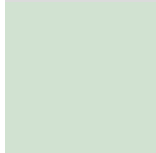
Monochromacy



Original Color
90, 29.202, 143.204



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 10.832, 144.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 29.202, 143.204 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(192, 238, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 238, 192)  
}
```

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(192, 238, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 238, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 29.202, 143.204 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(192, 238, 192) }
```

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

```
.border{ border-color:rgb(192, 238, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 238, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 238, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 238, 192);  
box-shadow:4px 4px 4px 4px rgb(192, 238,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 29.202, 143.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 238, 192) }
```

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

```
.background{ background-color: rgb(192,  
238, 192) }
```

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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