

Converting Colors

CIELCh(90, 30.282, 142.271)

Have a look what the booklet for
CIELCh(90, 30.282, 142.271)
contains.

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Color

CIELCh(90, 30.064, 142.100)

Conversions

Conversions Part 1

Format	Color
Hex	C0EEBE
RGB	192, 238, 190
RGB Percent	75%, 93%, 75%
CMY	0.2459, 0.0654, 0.2537
CMYK	0.19, 0.00, 0.20, 0.07
HSL	117°, 59%, 84%
HSV	117°, 20%, 93%
XYZ	61.8037, 76.3034, 60.3545
YIQ	218.7740, -12.0080, -24.6800

Conversions

Conversions Part 2

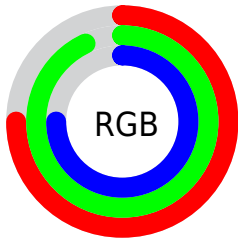
Format	Color
RYB	190, 238, 236
Decimal	12644030
CIELab	90.00, -23.72, 18.47
CIElCh	90, 30.064, 142.100
Yxy	76.3034, 0.3114, 0.3845
Android (android.graphics.Color)	4290834110 (0xFFC0EEBE)
YUV	218.7740, -14.1856, -23.4808
Hunter-Lab	87.3518, -26.5723, 20.1807

Details

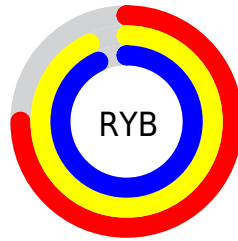
The CIELCh color **90, 30.064, 142.100** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 30.133, 324.370**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.047, 134.564**, and **70, 30.291, 141.706** is the 20% darker color. If you saturate the color by 10%, you get **88, 44.965, 141.327**, and if you desaturate by 10%, it is **92, 15.079, 142.772**.

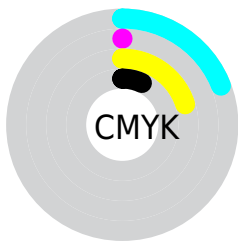
Distribution



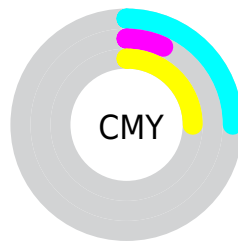
- Red (75%)
- Green (93%)
- Blue (75%)



- Red (75%)
- Yellow (93%)
- Blue (93%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (7%)



- Cyan (25%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 30.064, 142.100 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, 30.064, 142.100 by changing the saturation by 10% instead.

■ 90, 30.064,
142.100

■ 90, 30.064,
142.100

■ 100, 30.064,
142.100

■ 80, 30.064,
142.100

■ 70, 30.064,
142.100

■ 60, 30.064,
142.100


■ 50, 30.064,
142.100

■ 40, 30.064,
142.100


■ 30, 30.064,
142.100


■ 20, 30.064,

142.100


 10, 30.064,
142.100

 0, 30.064, 142.100

 90, 30.064,
142.100


 90, 30.064,
142.100


 88, 44.965,
141.327

 92, 15.079,
142.772

 87, 59.501,
140.447

 94, 0.209, 144.675

 85, 73.309,
139.473

 96, 10.407,
324.774

 84, 85.931,
138.448

■ 84, 96.804,
137.458

■ 83, 105.300,
136.632

■ 83, 110.881,
136.110

■ 83, 113.599,
135.890

Harmonies

Complementary

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



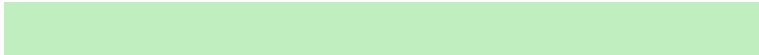
90, 30.064, 142.100



82, 30.133, 324.370

Rectangle

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



90, 30.064, 142.100



90, 30.064, 192.100



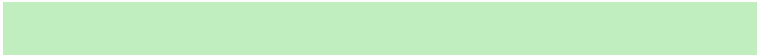
90, 30.064, 322.100



90, 30.064, 12.100

Sweetspot

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



90, 30.066, 142.100



99, 9.389, 143.029



93, 23.378, 106.057



52, 6.231, 142.988



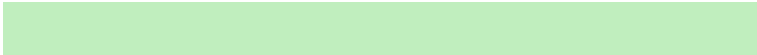
0, 0.000, 0.000



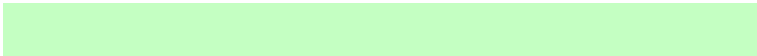
53, 0.007, 296.813

Same Dimension

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



90, 30.066, 142.100



95, 37.850, 141.809



90, 21.927, 159.344



49, 8.479, 142.814



65, 93.363, 135.842



19, 39.320, 137.147

Inverse Universe

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



82, 30.133, 324.370



85, 37.937, 324.575



82, 22.365, 342.730



47, 8.498, 323.801



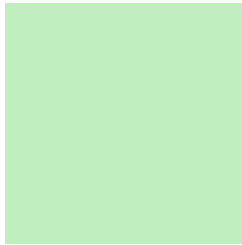
42, 90.486, 326.595



10, 39.487, 326.821

Previews

White Background



This preview shows how the CIE LCh color 90, 30.064, 142.100 looks on a white background.

Color Contrast Check

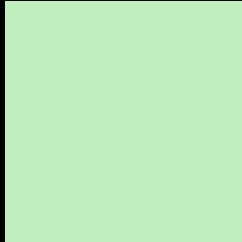
Large Text (above 18pt) WCAG AA × Fail

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, 30.064, 142.100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

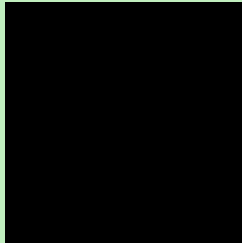
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

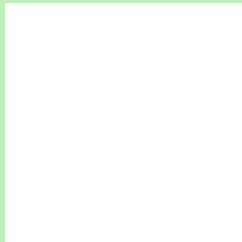
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 30.064, 142.100

Background



This preview shows how black text looks on a background with the CIELCh color 90, 30.064, 142.100.

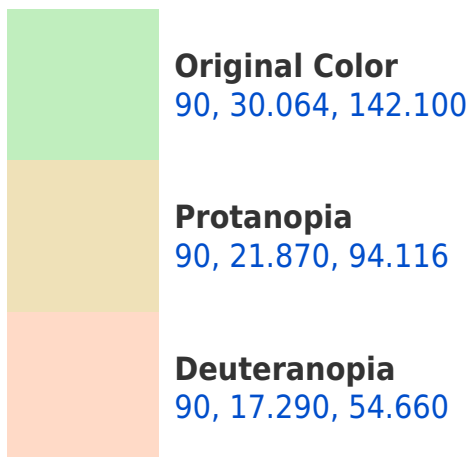


This preview shows how white text looks on a background with the CIELCh color 90, 30.064, 142.100.

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



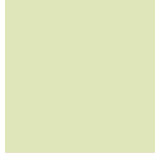


Tritanopia
90, 13.376, 246.805

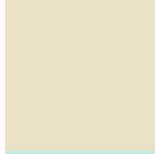
Trichromacy



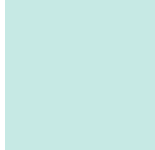
Original Color
90, 30.064, 142.100



Protanomaly
90, 22.884, 115.938



Deuteranomaly
89, 15.233, 98.950

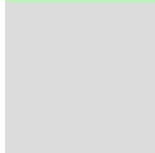


Tritanomaly
90, 12.414, 186.482

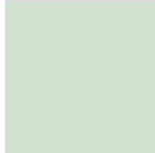
Monochromacy



Original Color
90, 30.064, 142.100



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, 30.064, 142.100 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 238, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 238, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 30.064, 142.100 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, 190) }
```

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

```
.border{ border-color:rgb(192, 238, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 238, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 238, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 238,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 30.064, 142.100 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, 190) }
```

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

```
.background{ background-color: rgb(192,  
238, 190) }
```

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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