

Converting Colors

CIELCh(90, 11.864, 152.237)

Have a look what the booklet for
CIELCh(90, 11.864, 152.237)
contains.

CIELCh(90, 11.900, 150.897)	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(90, 11.900, 150.897)

Conversions

Conversions Part 1

Format	Color
Hex	D2E8D7
RGB	210, 232, 215
RGB Percent	82%, 91%, 84%
CMY	0.1766, 0.0903, 0.1569
CMYK	0.09, 0.00, 0.07, 0.09
HSL	134°, 32%, 87%
HSV	134°, 9%, 91%
XYZ	67.6846, 76.3034, 75.4352
YIQ	223.4840, -7.6550, -9.9510

Conversions

Conversions Part 2

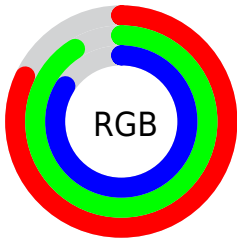
Format	Color
R _Y B	210, 228, 232
Decimal	13822167
CIE Lab	90.00, -10.40, 5.79
CIE LCh	90, 11.900, 150.897
Yxy	76.3034, 0.3085, 0.3477
Android (android.graphics.Color)	4292012247 (0xFFD2E8D7)
YUV	223.4840, -4.1826, -11.8255
Hunter-Lab	87.3518, -14.5548, 9.9446

Details

The CIELCh color **90, 11.900, 150.897** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 11.945, 332.076**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 11.882, 151.119** is the 20% darker color. If you saturate the color by 10%, you get **88, 24.548, 150.112**, and if you desaturate by 10%, it is **92, 0.651, 330.988**.

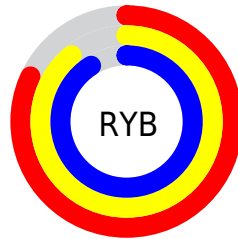
Distribution



Red (82%)

Green (91%)

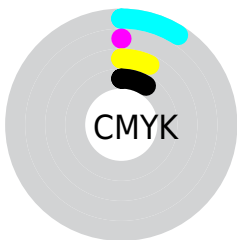
Blue (84%)



Red (82%)

Yellow (89%)

Blue (91%)

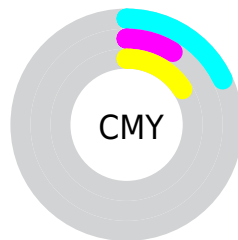


Cyan (9%)

Magenta (0%)

Yellow (7%)

Black (9%)



Cyan (18%)


Magenta (9%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 11.900, 150.897 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, 11.900, 150.897 by changing the saturation by 10% instead.


 90, 11.900,
150.897


 90, 11.900,
150.897


 100, 11.900,
150.897


 80, 11.900,
150.897


 70, 11.900,
150.897

 60, 11.900,
150.897

 50, 11.900,
150.897

 40, 11.900,
150.897

 30, 11.900,
150.897

 20, 11.900,

150.897

■ 10, 11.900,
150.897

■ 0, 11.900, 150.897

■ 90, 11.900,
150.897

■ 90, 11.900,
150.897

■ 88, 24.548,
150.112

■ 92, 0.651, 330.988

■ 86, 37.128,
149.217

■ 94, 12.680,
330.405

■ 85, 49.441,
148.181

■ 94, 14.376,
324.919

■ 84, 61.248,
146.987

■ 83, 72.285,
145.622

■ 82, 82.280,
144.090

■ 81, 90.978,
142.418

■ 81, 98.169,
140.671

■ 81, 103.754,
138.990

Harmonies

Complementary

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



90, 11.900, 150.897



86, 11.945, 332.076

Rectangle

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



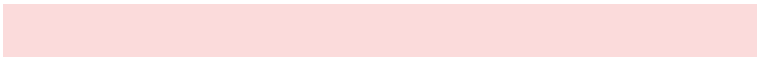
90, 11.900, 150.897



90, 11.900, 200.897



90, 11.900, 330.897



90, 11.900, 20.897

Sweetspot

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



90, 11.902, 150.896



99, 4.041, 151.401



91, 11.493, 118.011



53, 3.067, 151.328



0, 0.000, 0.000



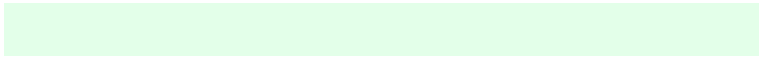
53, 0.007, 296.813

Same Dimension

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



90, 11.902, 150.896



98, 14.918, 150.778



90, 8.433, 176.311



47, 7.065, 150.898



64, 84.869, 139.221



17, 32.668, 143.146

Inverse Universe

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



86, 11.945, 332.076



93, 14.974, 332.183



86, 8.682, 357.974



45, 7.090, 332.074



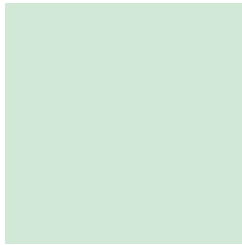
40, 74.256, 339.826



8, 31.954, 337.659

Previews

White Background



This preview shows how the CIELCh color 90, 11.900, 150.897 looks on a white background.

Color Contrast Check

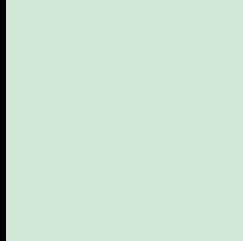
Large Text (above 18pt) WCAG AA × Fail

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 90, 11.900, 150.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

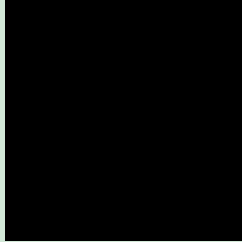
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

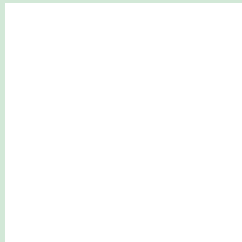
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 11.900, 150.897

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.900, 150.897.

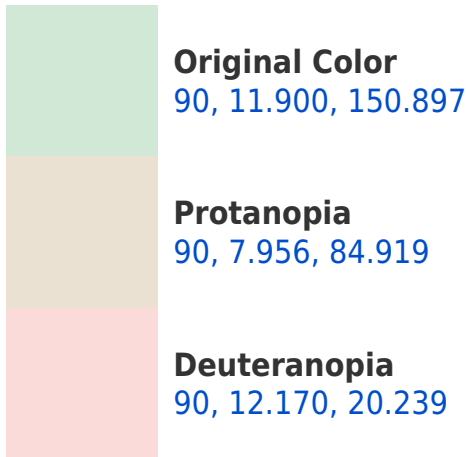


This preview shows how white text looks on a background with the CIELCh color 90, 11.900, 150.897.

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](#).

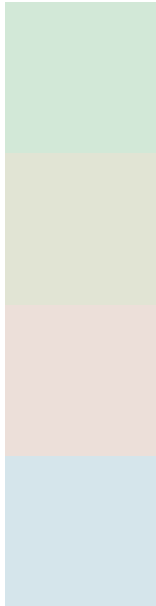
Dichromacy





Tritanopia
90, 10.601, 268.350

Trichromacy



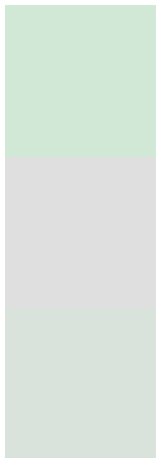
Original Color
90, 11.900, 150.897

Protanomaly
90, 8.359, 117.028

Deuteranomaly
90, 5.663, 52.837

Tritanomaly
90, 6.303, 228.875

Monochromacy



Original Color
90, 11.900, 150.897

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 4.256, 152.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 11.900, 150.897 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(210, 232, 215)` looks like.

```
.text, #text, p{  
    color:rgb(210, 232, 215)  
}
```

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(210, 232, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 232, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.900, 150.897 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(210, 232, 215) }
```

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

```
.border{ border-color:rgb(210, 232, 215) }
```

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

Here you see how a box with a 4 pixel rgb(210, 232, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 232, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 232, 215);  
box-shadow:4px 4px 4px 4px rgb(210, 232,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.900, 150.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 232, 215) }
```

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

```
.background{ background-color: rgb(210,  
232, 215) }
```

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