

Converting Colors

CIELCh(88, 49.526, 144.195)

Have a look what the booklet for
CIELCh(88, 49.526, 144.195)
contains.

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Color

CIELCh(88, 49.526, 144.195)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9DF0A4 |
| RGB | 157, 240, 164 |
| RGB Percent | 62%, 94%, 64% |
| CMY | 0.3848, 0.0594, 0.3574 |
| CMYK | 0.35, 0.00, 0.32, 0.06 |
| HSL | 125°, 73%, 78% |
| HSV | 125°, 35%, 94% |
| XYZ | 51.6843, 72.0653, 46.2446 |
| YIQ | 206.5190, -25.0720, -41.2320 |

Conversions

Conversions Part 2

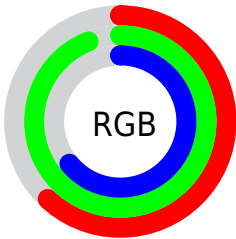
| Format | Color |
|-------------------------------------|--|
| RYB | 157, 234, 240 |
| Decimal | 10350756 |
| CIELab | 88.00, -40.17, 28.97 |
| CIELCh | 88, 49.526, 144.195 |
| Yxy | 72.0653, 0.3040, 0.4239 |
| Android (android.graphics.Color) | 4288540836 (0xFF9DF0A4) |
| YUV | 206.5190, -20.9619, -43.4282 |
| Hunter-Lab | 84.8913, -39.8836, 27.1256 |

Details

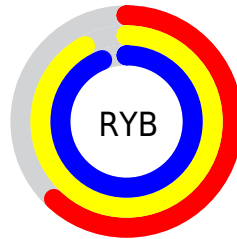
The CIELCh color $88, 49.526, 144.195$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $75, 49.518, 328.805$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 23.583, 146.900$, and $68, 49.100, 144.399$ is the 20% darker color. If you saturate the color by 10%, you get $87, 63.260, 143.148$, and if you desaturate by 10%, it is $90, 35.317, 145.104$.

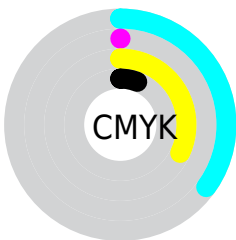
Distribution



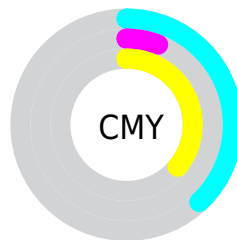
- Red (62%)
- Green (94%)
- Blue (64%)



- Red (62%)
- Yellow (92%)
- Blue (94%)



- Cyan (35%)
- Magenta (0%)
- Yellow (32%)
- Black (6%)





- Cyan (38%)
- Magenta (6%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 49.526, 144.195 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 88, 49.526, 144.195 by changing the saturation by 10% instead.

 88, 49.526,
144.195


 88, 49.526,
144.195


 100, 49.526,
144.195


 78, 49.526,
144.195

 68, 49.526,
144.195

 58, 49.526,
144.195

 48, 49.526,
144.195

 38, 49.526,
144.195


 28, 49.526,
144.195

 18, 49.526,


144.195


 8, 49.526, 144.195


 0, 49.526, 144.195


 88, 49.526,
144.195


 88, 49.526,
144.195

 87, 63.260,
143.148


 90, 35.317,
145.104

 85, 76.162,
141.966


 92, 20.915,
145.887

 85, 87.828,
140.675

 94, 6.545, 146.582


 84, 97.809,
139.339


 96, 7.627, 327.055

 83, 105.646,

 96, 9.438, 324.737

138.066

 83, 110.963,
136.995

 83, 112.787,
136.584

Harmonies

Complementary

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



88, 49.526, 144.195



75, 49.518, 328.805

Rectangle

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



88, 49.526, 144.195



88, 49.526, 194.195



88, 49.526, 324.195



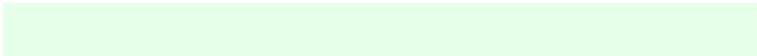
88, 49.526, 14.195

Sweetspot

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



88, 49.528, 144.195



98, 15.013, 146.210



93, 42.072, 110.535



52, 10.252, 146.112



0, 0.000, 0.000



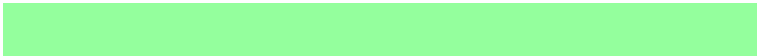
53, 0.007, 296.813

Same Dimension

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



88, 49.528, 144.195



92, 62.781, 143.419



89, 33.741, 164.930



49, 8.110, 146.248



65, 91.961, 136.738



19, 38.017, 139.333

Inverse Universe

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



75, 49.518, 328.805



75, 62.626, 329.235



74, 35.964, 352.082



47, 8.126, 327.326



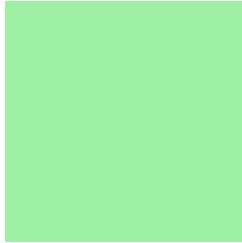
43, 84.514, 331.903



10, 37.235, 331.352

Previews

White Background



This preview shows how the CIE LCh color 88, 49.526, 144.195 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 88, 49.526, 144.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

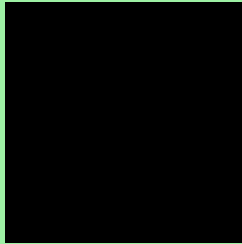
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 49.526, 144.195

Background



This preview shows how black text looks on a background with the CIELCh color 88, 49.526, 144.195.

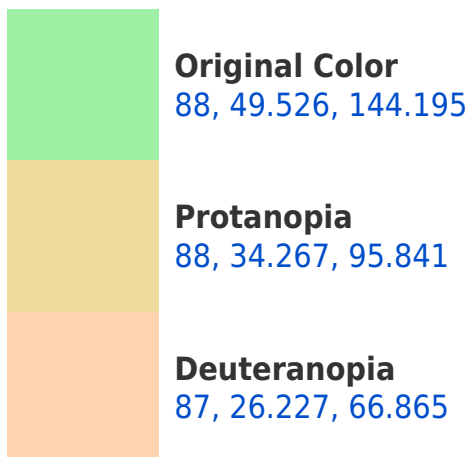


This preview shows how white text looks on a background with the CIELCh color 88, 49.526, 144.195.

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](#).

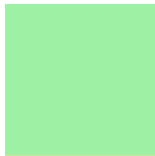
Dichromacy



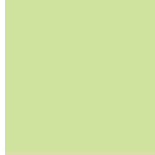


Tritanopia
88, 20.125, 228.142

Trichromacy



Original Color
88, 49.526, 144.195



Protanomaly
87, 36.231, 119.031



Deuteranomaly
87, 26.421, 109.627



Tritanomaly
88, 24.013, 177.345

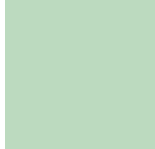
Monochromacy



Original Color
88, 49.526, 144.195



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 18.033, 146.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 49.526, 144.195 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(157, 240, 164)` looks like.

```
.text, #text, p{  
    color:rgb(157, 240, 164)  
}
```

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(157, 240, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 240, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 49.526, 144.195 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(157, 240, 164) }
```

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

```
.border{ border-color:rgb(157, 240, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 240, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 240, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 240, 164);  
box-shadow:4px 4px 4px 4px rgb(157, 240,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 49.526, 144.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 240, 164) }
```

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

```
.background{ background-color: rgb(157,  
240, 164) }
```

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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