

Converting Colors

CIELCh(89, 42.366, 147.241)

Have a look what the booklet for
CIELCh(89, 42.366, 147.241)
contains.

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Color

CIELCh(89, 42.251, 147.554)

Conversions

Conversions Part 1

Format	Color
Hex	A5F1B3
RGB	165, 241, 179
RGB Percent	65%, 95%, 70%
CMY	0.3529, 0.0549, 0.2980
CMYK	0.32, 0.00, 0.26, 0.05
HSL	131°, 73%, 80%
HSV	131°, 32%, 95%
XYZ	55.1087, 74.1641, 54.0581
YIQ	211.2080, -25.3940, -35.3940

Conversions

Conversions Part 2

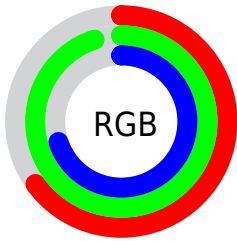
Format	Color
RYB	165, 229, 241
Decimal	10875315
CIELab	89.00, -35.66, 22.67
CIELCh	89, 42.251, 147.554
Yxy	74.1641, 0.3006, 0.4045
Android (android.graphics.Color)	4289065395 (0xFFA5F1B3)
YUV	211.2080, -15.8785, -40.5244
Hunter-Lab	86.1186, -36.4825, 23.0657

Details

The CIELCh color $89, 42.251, 147.554$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $77, 42.399, 331.994$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 15.520, 157.359$, and $69, 42.443, 147.356$ is the 20% darker color. If you saturate the color by 10%, you get $88, 55.277, 146.505$, and if you desaturate by 10%, it is $91, 28.892, 148.460$.

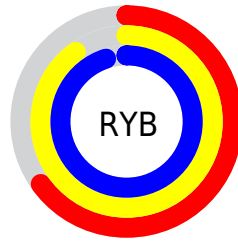
Distribution



Red (65%)

Green (95%)

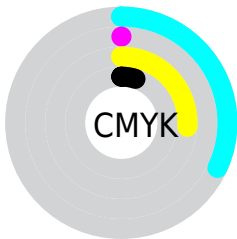
Blue (70%)



Red (65%)

Yellow (90%)

Blue (95%)

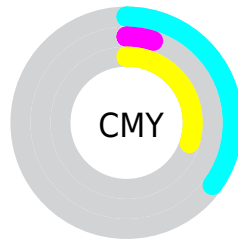


Cyan (32%)

Magenta (0%)

Yellow (26%)

Black (5%)



Cyan (35%)


Magenta (5%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 42.251, 147.554 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 89, 42.251, 147.554 by changing the saturation by 10% instead.


 89, 42.251,
147.554


 89, 42.251,
147.554


 100, 42.251,
147.554


 79, 42.251,
147.554

 69, 42.251,
147.554

 59, 42.251,
147.554

 49, 42.251,
147.554

 39, 42.251,
147.554

 29, 42.251,
147.554

 19, 42.251,


147.554


 9, 42.251, 147.554


 0, 42.251, 147.554


 89, 42.251,
147.554


 89, 42.251,
147.554

 88, 55.277,
146.505

 91, 28.892,
148.460


 86, 67.691,
145.297

 93, 15.424,
149.245

 85, 79.189,
143.929

 95, 2.032, 150.061

 97, 8.723, 324.710

 85, 89.452,
142.417

 84, 98.175,

140.812

■ 84, 105.091,
139.205

■ 83, 109.450,
137.981

Harmonies

Complementary

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



89, 42.251, 147.554



77, 42.399, 331.994

Rectangle

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



89, 42.251, 147.554



89, 42.251, 197.554



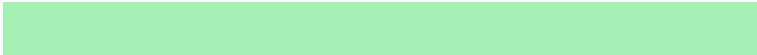
89, 42.251, 327.554



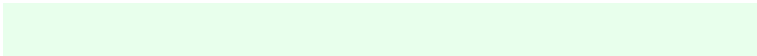
89, 42.251, 17.554

Sweetspot

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



89, 42.253, 147.554



98, 12.578, 149.428



93, 38.923, 115.112



52, 8.748, 149.322



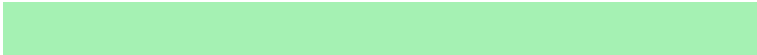
0, 0.000, 0.000



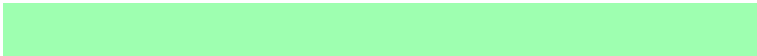
53, 0.007, 296.813

Same Dimension

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



89, 42.253, 147.554



93, 53.097, 146.881



90, 28.733, 171.651



49, 7.554, 149.396



65, 88.684, 138.248



19, 36.096, 141.336

Inverse Universe

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



77, 42.399, 331.994



77, 53.219, 332.441



76, 31.393, 358.355



47, 7.577, 330.540



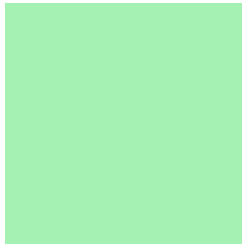
42, 78.245, 337.205



9, 34.827, 335.737

Previews

White Background



This preview shows how the CIE LCh color 89, 42.251, 147.554 looks on a white background.

Color Contrast Check

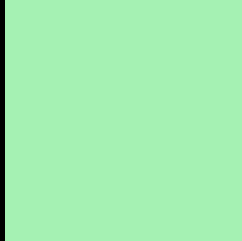
Large Text (above 18pt) WCAG AA × Fail

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 89, 42.251, 147.554 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 89, 42.251, 147.554

Background



This preview shows how black text looks on a background with the CIELCh color 89, 42.251, 147.554.

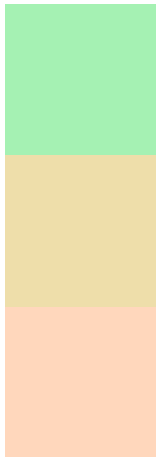


This preview shows how white text looks on a background with the CIELCh color 89, 42.251, 147.554.

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
89, 42.251, 147.554

Protanopia
89, 27.631, 94.740

Deuteranopia
89, 21.064, 61.543

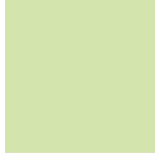


Tritanopia
89, 19.140, 227.969

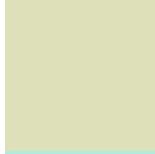
Trichromacy



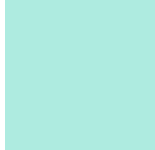
Original Color
89, 42.251, 147.554



Protanomaly
88, 29.678, 121.228



Deuteranomaly
88, 20.210, 110.650

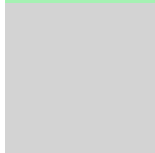


Tritanomaly
89, 21.471, 182.425

Monochromacy



Original Color
89, 42.251, 147.554



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 15.850, 148.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 42.251, 147.554 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(165, 241, 179)` looks like.

```
.text, #text, p{  
    color:rgb(165, 241, 179)  
}
```

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(165, 241, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 241, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 42.251, 147.554 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(165, 241, 179) }
```

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

```
.border{ border-color:rgb(165, 241, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 241, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 241, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 241, 179);  
box-shadow:4px 4px 4px 4px rgb(165, 241,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 42.251, 147.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 241, 179) }
```

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

```
.background{ background-color: rgb(165,  
241, 179) }
```

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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