

Converting Colors

CIELCh(82, 64.560, 149.116)

Have a look what the booklet for
CIELCh(82, 64.560, 149.116)
contains.

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Color

CIELCh(82, 64.695, 149.008)

Conversions

Conversions Part 1

Format	Color
Hex	62E58B
RGB	98, 229, 139
RGB Percent	38%, 90%, 55%
CMY	0.6170, 0.1032, 0.4560
CMYK	0.57, 0.00, 0.39, 0.10
HSL	139°, 71%, 64%
HSV	139°, 57%, 90%
XYZ	37.5721, 60.2982, 33.9748
YIQ	179.5710, -49.1860, -55.7620

Conversions

Conversions Part 2

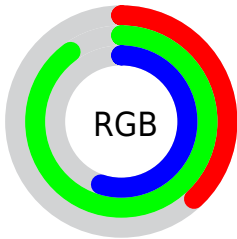
Format	Color
RYB	98, 198, 229
Decimal	6481291
CIELab	82.00, -55.46, 33.31
CIELCh	82, 64.695, 149.008
Yxy	60.2982, 0.2850, 0.4573
Android (android.graphics.Color)	4284671371 (0xFF62E58B)
YUV	179.5710, -20.0015, -71.5378
Hunter-Lab	77.6519, -49.5230, 28.4154

Details

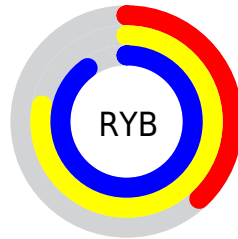
The CIELCh color **82, 64.695, 149.008** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **61, 64.911, 339.588**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 46.433, 153.400**, and **62, 64.376, 149.156** is the 20% darker color. If you saturate the color by 10%, you get **81, 74.209, 147.439**, and if you desaturate by 10%, it is **83, 54.318, 150.387**.

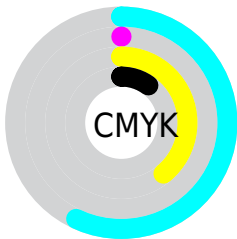
Distribution



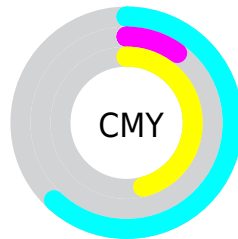
- Red (38%)
- Green (90%)
- Blue (55%)



- Red (38%)
- Yellow (78%)
- Blue (90%)



- Cyan (57%)
- Magenta (0%)
- Yellow (39%)
- Black (10%)




- Cyan (62%)
- Magenta (10%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 64.695, 149.008 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 82, 64.695, 149.008 by changing the saturation by 10% instead.

 82, 64.695,
149.008

 82, 64.695,
149.008

 100, 64.695,
149.008

 72, 64.695,
149.008

 62, 64.695,
149.008

 52, 64.695,
149.008

 42, 64.695,
149.008

 32, 64.695,
149.008

 22, 64.695,
149.008

 12, 64.695,

149.008

■ 2, 64.695, 149.008

■ 0, 64.695, 149.008

■ 82, 64.695,
149.008

■ 82, 64.695,
149.008

■ 81, 74.209,
147.439

■ 83, 54.318,
150.387

■ 81, 82.666,
145.682

■ 84, 43.297,
151.589

■ 80, 89.926,
143.768

■ 86, 31.853,
152.633

■ 80, 95.938,
141.772

■ 87, 20.191,
153.545

■ 80, 97.400,

■ 89, 8.482, 154.360

141.264

■ 91, 3.137, 334.887

■ 93, 13.896,
332.673

■ 94, 16.444,
324.994

Harmonies

Complementary

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



82, 64.695, 149.008



61, 64.911, 339.588

Rectangle

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



82, 64.695, 149.008



82, 64.695, 199.008



82, 64.695, 329.008



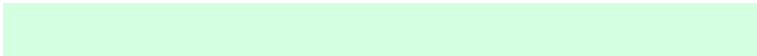
82, 64.695, 19.008

Sweetspot

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



82, 64.696, 149.008



96, 21.679, 153.561



86, 66.674, 118.684



51, 14.505, 153.387



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 64.696, 149.008



89, 82.626, 147.082



83, 42.300, 177.345



47, 6.632, 154.188



64, 80.278, 141.612



17, 30.871, 145.541

Inverse Universe

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



61, 64.911, 339.588



63, 81.207, 341.000



59, 54.366, 12.058



45, 6.668, 335.452



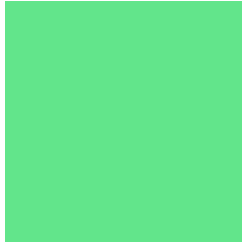
39, 70.079, 345.820



7, 30.286, 342.348

Previews

White Background



This preview shows how the CIE LCh color 82, 64.695, 149.008 looks on a white background.

Color Contrast Check

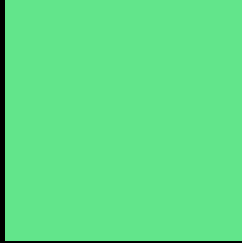
Large Text (above 18pt) WCAG AA × Fail

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 82, 64.695, 149.008 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 82, 64.695, 149.008

Background



This preview shows how black text looks on a background with the CIELCh color 82, 64.695, 149.008.

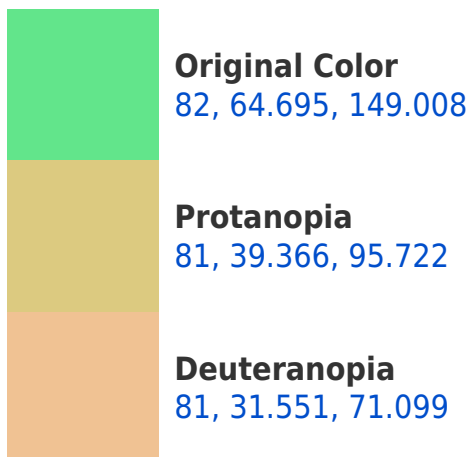


This preview shows how white text looks on a background with the CIELCh color 82, 64.695, 149.008.

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
82, 28.857, 217.158

Trichromacy



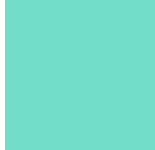
Original Color
82, 64.695, 149.008



Protanomaly
81, 43.896, 125.479



Deuteranomaly
80, 33.811, 120.102

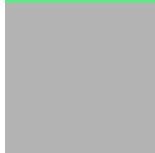


Tritanomaly
82, 35.963, 178.753

Monochromacy



Original Color
82, 64.695, 149.008



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 25.221, 152.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 64.695, 149.008 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(98, 229, 139)` looks like.

```
.text, #text, p{  
    color:rgb(98, 229, 139)  
}
```

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(98, 229, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 229, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 64.695, 149.008 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(98, 229, 139) }
```

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

```
.border{ border-color:rgb(98, 229, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 229, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 229, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 229, 139);  
box-shadow:4px 4px 4px 4px rgb(98, 229,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 64.695, 149.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 229, 139) }
```

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

```
.background{ background-color: rgb(98, 229,  
139) }
```

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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