

Converting Colors

CIELCh(79, 50.188, 142.327)

Have a look what the booklet for
CIELCh(79, 50.188, 142.327)
contains.

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Color

CIELCh(79, 50.084, 142.366)

Conversions

Conversions Part 1

Format	Color
Hex	87D689
RGB	135, 214, 137
RGB Percent	53%, 84%, 54%
CMY	0.4713, 0.1615, 0.4635
CMYK	0.37, 0.00, 0.36, 0.16
HSL	122°, 49%, 68%
HSV	122°, 37%, 84%
XYZ	38.4591, 54.9284, 32.1729
YIQ	181.6010, -22.3670, -40.6950

Conversions

Conversions Part 2

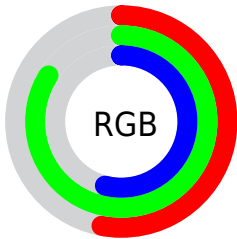
Format	Color
RYB	135, 212, 214
Decimal	8902281
CIELab	79.00, -39.66, 30.58
CIELCh	79, 50.084, 142.366
Yxy	54.9284, 0.3063, 0.4375
Android (android.graphics.Color)	4287092361 (0xFF87D689)
YUV	181.6010, -21.9883, -40.8691
Hunter-Lab	74.1137, -37.0717, 26.1416

Details

The CIELCh color **79, 50.084, 142.366** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **67, 50.019, 327.143**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 40.120, 142.740**, and **59, 50.269, 142.235** is the 20% darker color. If you saturate the color by 10%, you get **78, 62.920, 141.330**, and if you desaturate by 10%, it is **80, 36.695, 143.278**.

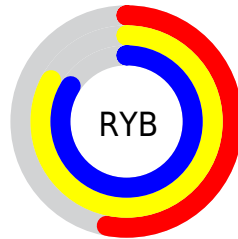
Distribution



Red (53%)

Green (84%)

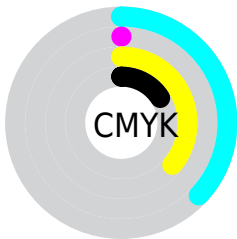
Blue (54%)



Red (53%)

Yellow (83%)

Blue (84%)

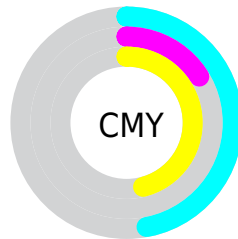


Cyan (37%)

Magenta (0%)

Yellow (36%)

Black (16%)



Cyan (47%)


Magenta (16%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 50.084, 142.366 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 79, 50.084, 142.366 by changing the saturation by 10% instead.


 79, 50.084,
142.366

 79, 50.084,
142.366


 100, 50.084,
142.366

 69, 50.084,
142.366

 99, 50.084,
142.366


 59, 50.084,
142.366

 49, 50.084,
142.366

 39, 50.084,
142.366

 29, 50.084,
142.366

 19, 50.084,
142.366

 9, 50.084, 142.366

■ 0, 50.084, 142.366

■ 79, 50.084,
142.366

■ 79, 50.084,
142.366

■ 78, 62.920,
141.330

■ 80, 36.695,
143.278

■ 77, 74.821,
140.189

■ 82, 23.054,
144.066

■ 76, 85.338,
138.999

■ 84, 9.396, 144.751

■ 75, 93.963,
137.859

■ 86, 4.104, 325.221

■ 75, 100.200,
136.909

■ 89, 17.328,
325.752

■ 75, 103.760,
136.285

■ 90, 25.811,
325.323

■ 75, 104.427,
136.188

Harmonies

Complementary

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



79, 50.084, 142.366



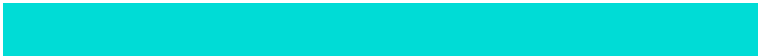
67, 50.019, 327.143

Rectangle

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



79, 50.084, 142.366



79, 50.084, 192.366



79, 50.084, 322.366



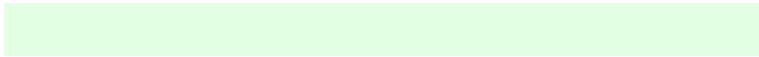
79, 50.084, 12.366

Sweetspot

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



79, 50.085, 142.366



97, 17.213, 144.475



84, 40.746, 107.373



52, 11.575, 144.382



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 50.085, 142.366



91, 68.275, 141.601



80, 34.529, 160.941



44, 7.701, 144.588



61, 88.236, 136.243



14, 31.753, 141.515

Inverse Universe

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



67, 50.019, 327.143



75, 68.032, 327.524



65, 36.247, 348.238



42, 7.713, 325.625



40, 83.927, 329.263



6, 32.352, 328.877

Previews

White Background



This preview shows how the CIELCh color 79, 50.084, 142.366 looks on a white background.

Color Contrast Check

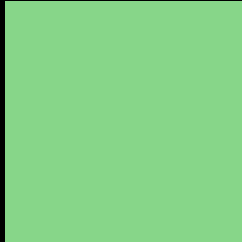
Large Text (above 18pt) WCAG AA × Fail

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 79, 50.084, 142.366 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 79, 50.084, 142.366

Background



This preview shows how black text looks on a background with the CIELCh color 79, 50.084, 142.366.

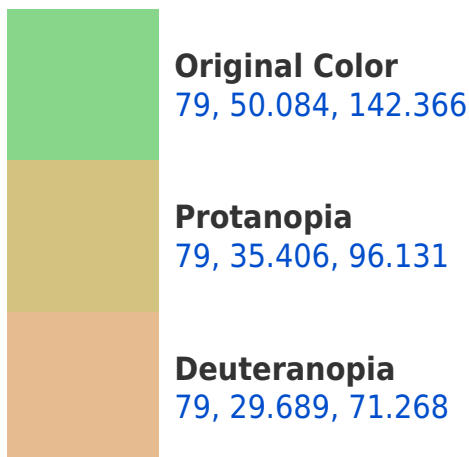


This preview shows how white text looks on a background with the CIELCh color 79, 50.084, 142.366.

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
79, 18.961, 225.291

Trichromacy



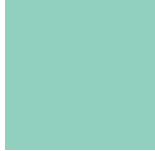
Original Color
79, 50.084, 142.366



Protanomaly
78, 37.440, 118.628



Deuteranomaly
78, 29.551, 109.008



Tritanomaly
79, 24.019, 173.983

Monochromacy



Original Color
79, 50.084, 142.366



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 18.676, 144.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 50.084, 142.366 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(135, 214, 137)` looks like.

```
.text, #text, p{  
    color:rgb(135, 214, 137)  
}
```

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(135, 214, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 214, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 50.084, 142.366 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(135, 214, 137) }
```

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

```
.border{ border-color:rgb(135, 214, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 214, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 214, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 214, 137);  
box-shadow:4px 4px 4px 4px rgb(135, 214,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 50.084, 142.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 214, 137) }
```

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

```
.background{ background-color: rgb(135,  
214, 137) }
```

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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