

Converting Colors

CIELCh(79, 43.093, 150.472)

Have a look what the booklet for
CIELCh(79, 43.093, 150.472)
contains.

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Color

CIELCh(79, 42.832, 150.678)

Conversions

Conversions Part 1

Format	Color
Hex	83D59B
RGB	131, 213, 155
RGB Percent	51%, 84%, 61%
CMY	0.4854, 0.1637, 0.3913
CMYK	0.38, 0.00, 0.27, 0.16
HSL	138°, 50%, 68%
HSV	138°, 38%, 84%
XYZ	39.1870, 54.9284, 39.6474
YIQ	181.8700, -30.2540, -35.4220

Conversions

Conversions Part 2

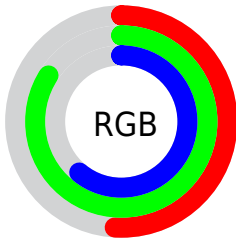
Format	Color
RYB	131, 194, 213
Decimal	8639899
CIELab	79.00, -37.34, 20.98
CIELCh	79, 42.832, 150.678
Yxy	54.9284, 0.2930, 0.4106
Android (android.graphics.Color)	4286829979 (0xFF83D59B)
YUV	181.8700, -13.2469, -44.6130
Hunter-Lab	74.1137, -35.3186, 20.1622

Details

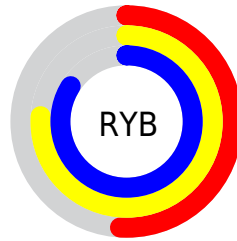
The CIELCh color $79, 42.832, 150.678$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $65, 43.285, 336.828$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 33.355, 153.685$, and $59, 42.722, 150.817$ is the 20% darker color. If you saturate the color by 10%, you get $78, 53.376, 149.475$, and if you desaturate by 10%, it is $80, 31.870, 151.722$.

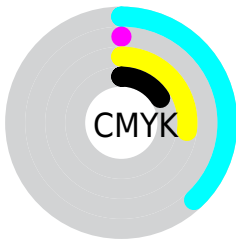
Distribution



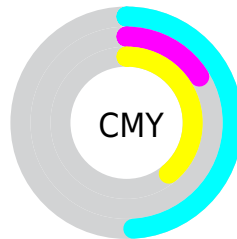
- Red (51%)
- Green (84%)
- Blue (61%)



- Red (51%)
- Yellow (76%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (27%)
- Black (16%)





- Cyan (49%)
- Magenta (16%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 42.832, 150.678 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, 42.832, 150.678 by changing the saturation by 10% instead.

 79, 42.832,
150.678

 79, 42.832,
150.678


 100, 42.832,
150.678


 69, 42.832,
150.678

 99, 42.832,
150.678

 59, 42.832,
150.678

 49, 42.832,
150.678

 39, 42.832,
150.678

 29, 42.832,
150.678

 19, 42.832,
150.678

 9, 42.832, 150.678

■ 0, 42.832, 150.678

■ 79, 42.832,
150.678

■ 79, 42.832,
150.678

■ 78, 53.376,
149.475

■ 80, 31.870,
151.722

■ 77, 63.281,
148.097

■ 82, 20.683,
152.632

■ 76, 72.335,
146.533

■ 84, 9.442, 153.438

■ 76, 80.347,
144.793

■ 86, 1.720, 333.883

■ 75, 87.177,
142.913

■ 88, 12.701,
334.665

■ 75, 92.785,
140.995

■ 90, 22.444,
332.344

■ 90, 26.164,

■ 75, 93.570,
140.723

325.336

Harmonies

Complementary

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



79, 42.832, 150.678



65, 43.285, 336.828

Rectangle

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



79, 42.832, 150.678



79, 42.832, 200.678



79, 42.832, 330.678



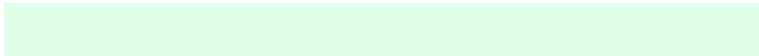
79, 42.832, 20.678

Sweetspot

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



79, 42.833, 150.678



97, 15.517, 153.151



82, 43.361, 118.892



52, 10.298, 153.046



0, 0.000, 0.000



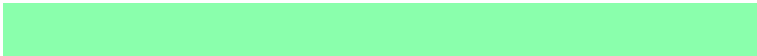
53, 0.007, 296.813

Same Dimension

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



79, 42.833, 150.678



92, 58.737, 149.728



80, 29.106, 178.243



44, 6.362, 153.363



61, 78.741, 141.042



14, 27.531, 146.612

Inverse Universe

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



65, 43.285, 336.828



73, 59.243, 337.524



64, 33.992, 6.685



42, 6.394, 334.593



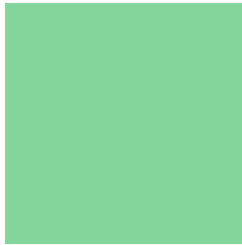
38, 68.779, 344.218



6, 26.603, 340.671

Previews

White Background



This preview shows how the CIELCh color 79, 42.832, 150.678 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 79, 42.832, 150.678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

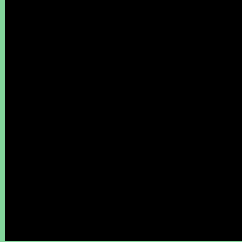
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 42.832, 150.678

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.832, 150.678.

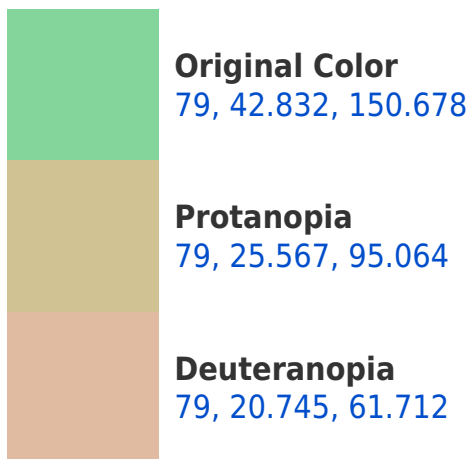


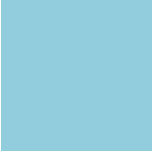
This preview shows how white text looks on a background with the CIELCh color 79, 42.832, 150.678.

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, 20.765, 222.658

Trichromacy



Original Color
79, 42.832, 150.678



Protanomaly
78, 28.194, 124.671



Deuteranomaly
78, 20.298, 114.954



Tritanomaly
79, 23.831, 183.310

Monochromacy



Original Color
79, 42.832, 150.678



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 15.707, 152.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.832, 150.678 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(131, 213, 155)` looks like.

```
.text, #text, p{  
    color:rgb(131, 213, 155)  
}
```

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(131, 213, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 213, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.832, 150.678 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(131, 213, 155) }
```

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

```
.border{ border-color:rgb(131, 213, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 213, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 213, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 213, 155);  
box-shadow:4px 4px 4px 4px rgb(131, 213,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.832, 150.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 213, 155) }
```

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

```
.background{ background-color: rgb(131,  
213, 155) }
```

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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