

Converting Colors

CIELCh(79, 25.064, 203.618)

Have a look what the booklet for
CIELCh(79, 25.064, 203.618)
contains.

CIELCh(79, 25.121, 202.572)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 25.121, 202.572)

Conversions

Conversions Part 1

Format	Color
Hex	82D1D5
RGB	130, 209, 213
RGB Percent	51%, 82%, 84%
CMY	0.4916, 0.1818, 0.1661
CMYK	0.39, 0.02, 0.00, 0.17
HSL	183°, 49%, 67%
HSV	183°, 39%, 83%
XYZ	43.8284, 54.9284, 71.0044
YIQ	185.8350, -48.3680, -15.5040

Conversions

Conversions Part 2

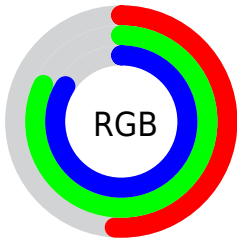
Format	Color
RYB	130, 170, 213
Decimal	8573397
CIELab	79.00, -23.20, -9.64
CIELCh	79, 25.121, 202.572
Yxy	54.9284, 0.2582, 0.3236
Android (android.graphics.Color)	4286763477 (0xFF82D1D5)
YUV	185.8350, 13.3923, -48.9673
Hunter-Lab	74.1137, -24.1399, -4.9230

Details

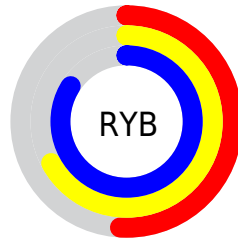
The CIELCh color **79, 25.121, 202.572** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **64, 33.366, 26.569**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.269, 198.045**, and **59, 25.108, 202.452** is the 20% darker color. If you saturate the color by 10%, you get **78, 29.986, 202.511**, and if you desaturate by 10%, it is **80, 19.503, 202.736**.

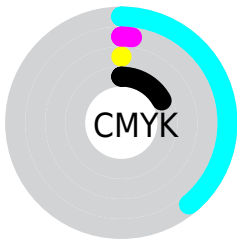
Distribution



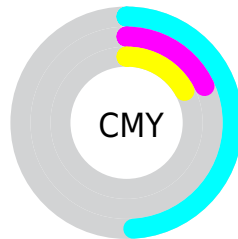
- Red (51%)
- Green (82%)
- Blue (84%)



- Red (51%)
- Yellow (67%)
- Blue (84%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)





- Cyan (49%)
- Magenta (18%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 25.121, 202.572 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, 25.121, 202.572 by changing the saturation by 10% instead.


 79, 25.121,
202.572


 79, 25.121,
202.572


 100, 25.121,
202.572


 69, 25.121,
202.572


 99, 25.121,
202.572

 59, 25.121,
202.572

 49, 25.121,
202.572

 39, 25.121,
202.572

 29, 25.121,
202.572

 19, 25.121,
202.572

 9, 25.121, 202.572

0, 25.121, 202.572

79, 25.121,
202.572

79, 25.121,
202.572

78, 29.986,
202.511

80, 19.503,
202.736

77, 33.996,
202.578

82, 13.246,
202.999

76, 37.083,
202.785

84, 6.470, 203.367

85, 0.712, 22.840

75, 39.221,
203.148

87, 8.195, 24.013

75, 40.448,
203.679

89, 15.043, 24.673

74, 40.920,
204.368

89, 14.716, 26.789

■ 74, 40.952,
204.438

■ 90, 14.412, 28.998

■ 90, 14.130, 31.298

Harmonies

Complementary

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



79, 25.121, 202.572



64, 33.366, 26.569

Rectangle

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



79, 25.121, 202.572



79, 25.121, 252.572



79, 25.121, 22.572



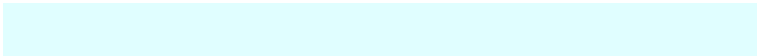
79, 25.121, 72.572

Sweetspot

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



79, 25.121, 202.569



98, 9.880, 203.238



78, 52.305, 142.371



52, 6.529, 203.188



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, 25.121, 202.569



92, 33.591, 202.513



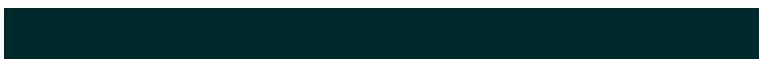
68, 26.719, 265.681



44, 4.086, 203.349



61, 34.821, 204.309



14, 13.803, 202.778

Inverse Universe

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



65, 51.694, 327.922



73, 71.176, 328.361



74, 29.171, 73.903



42, 7.595, 326.261



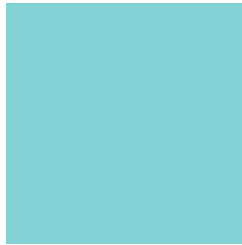
40, 82.451, 330.233



6, 31.821, 329.657

Previews

White Background



This preview shows how the CIELCh color 79, 25.121, 202.572 looks on a white background.

Color Contrast Check

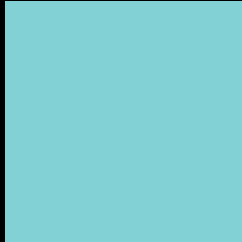
Large Text (above 18pt) WCAG AA × Fail

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, 25.121, 202.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

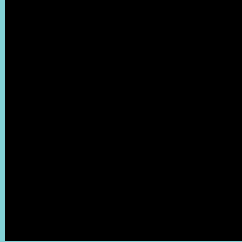
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 25.121, 202.572

Background



This preview shows how black text looks on a background with the CIELCh color 79, 25.121, 202.572.

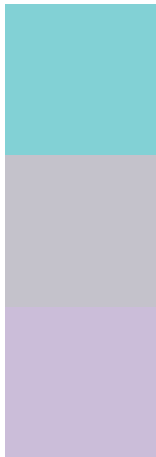


This preview shows how white text looks on a background with the CIELCh color 79, 25.121, 202.572.

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
79, 25.121, 202.572

Protanopia
79, 4.881, 299.135

Deuteranopia
79, 15.864, 309.648



Tritanopia
79, 24.377, 219.973

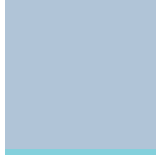
Trichromacy



Original Color
79, 25.121, 202.572



Protanomaly
79, 10.201, 223.708



Deuteranomaly
78, 12.102, 256.571

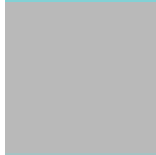


Tritanomaly
79, 24.425, 213.150

Monochromacy



Original Color
79, 25.121, 202.572



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 10.243, 201.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 25.121, 202.572 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(130, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(130, 209, 213)  
}
```

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(130, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 209, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 25.121, 202.572 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(130, 209, 213) }
```

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

```
.border{ border-color:rgb(130, 209, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(130, 209,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 25.121, 202.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 209, 213) }
```

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

```
.background{ background-color: rgb(130,  
209, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor