

Converting Colors

CIELCh(79, 37.388, 203.654)

Have a look what the booklet for
CIELCh(79, 37.388, 203.654)
contains.

CIELCh(79, 37.317, 203.543)	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, 37.317, 203.543)

Conversions

Conversions Part 1

Format	Color
Hex	4BD6DE
RGB	75, 214, 222
RGB Percent	29%, 84%, 87%
CMY	0.7053, 0.1604, 0.1290
CMYK	0.66, 0.04, 0.00, 0.13
HSL	183°, 69%, 58%
HSV	183°, 66%, 87%
XYZ	40.1853, 54.9284, 77.6669
YIQ	173.3510, -85.4120, -26.9800

Conversions

Conversions Part 2

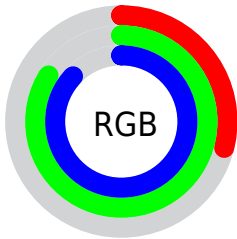
Format	Color
RYB	75, 146, 222
Decimal	4970206
CIELab	79.00, -34.21, -14.91
CIELCh	79, 37.317, 203.543
Yxy	54.9284, 0.2326, 0.3179
Android (android.graphics.Color)	4283160286 (0xFF4BD6DE)
YUV	173.3510, 23.9840, -86.2538
Hunter-Lab	74.1137, -32.9143, -10.2529

Details

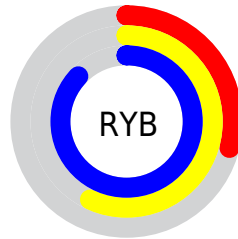
The CIELCh color **79, 37.317, 203.543** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **54, 63.375, 32.001**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.015, 197.328**, and **60, 34.254, 204.247** is the 20% darker color. If you saturate the color by 10%, you get **78, 39.770, 203.934**, and if you desaturate by 10%, it is **80, 33.882, 203.315**.

Distribution



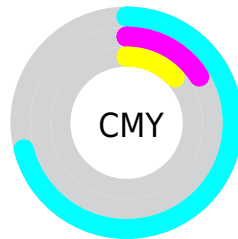
- Red (29%)
- Green (84%)
- Blue (87%)



- Red (29%)
- Yellow (57%)
- Blue (87%)



- Cyan (66%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)




- Cyan (71%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 37.317, 203.543 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, 37.317, 203.543 by changing the saturation by 10% instead.


 79, 37.317,
203.543


 79, 37.317,
203.543


 100, 37.317,
203.543

 69, 37.317,
203.543

 99, 37.317,
203.543


 59, 37.317,
203.543

 49, 37.317,
203.543

 39, 37.317,
203.543

 29, 37.317,
203.543

 19, 37.317,
203.543

 9, 37.317, 203.543

0, 37.317, 203.543

79, 37.317,
203.543

79, 37.317,
203.543

78, 39.770,
203.934

80, 33.882,
203.315

78, 41.261,
204.509

81, 29.507,
203.235

77, 41.883,
205.273

82, 24.274,
203.285

77, 41.995,
205.596

84, 18.295,
203.446

86, 11.690,
203.707

87, 4.583, 204.102

■ 89, 2.912, 24.138

■ 91, 10.694, 24.706

■ 92, 11.127, 27.751

Harmonies

Complementary

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



79, 37.317, 203.543



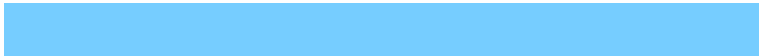
54, 63.375, 32.001

Rectangle

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



79, 37.317, 203.543



79, 37.317, 253.543



79, 37.317, 23.543



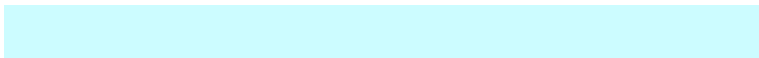
79, 37.317, 73.543

Sweetspot

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



79, 37.316, 203.542



96, 15.973, 203.591



79, 85.953, 139.651



51, 10.793, 203.518



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, 37.316, 203.542



88, 44.831, 204.111



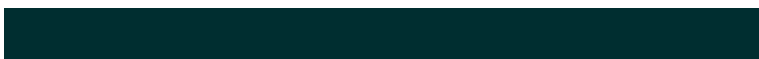
58, 47.612, 275.375



46, 4.219, 203.947



62, 35.322, 205.443



16, 14.663, 203.870

Inverse Universe

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



58, 83.993, 329.436



62, 104.038, 329.949



69, 53.756, 71.664



44, 7.857, 326.443



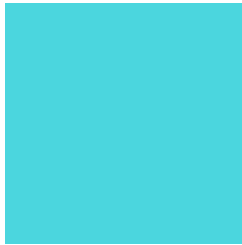
41, 83.847, 330.514



8, 34.641, 330.114

Previews

White Background



This preview shows how the CIELCh color 79, 37.317, 203.543 looks on a white background.

Color Contrast Check

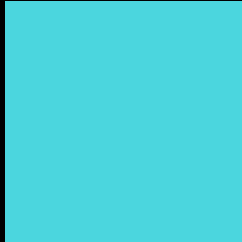
Large Text (above 18pt) WCAG AA × Fail

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, 37.317, 203.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

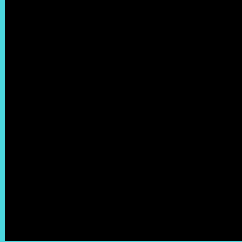
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 37.317, 203.543

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.317, 203.543.

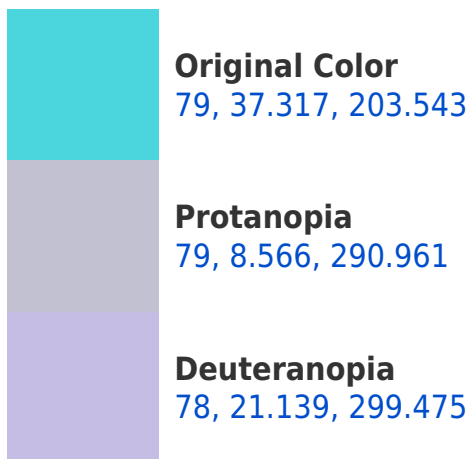


This preview shows how white text looks on a background with the CIELCh color 79, 37.317, 203.543.

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, 36.282, 211.740

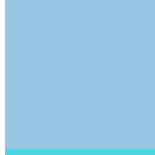
Trichromacy



Original Color
79, 37.317, 203.543



Protanomaly
78, 17.952, 221.278



Deuteranomaly
78, 20.414, 246.337

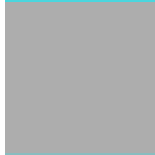


Tritanomaly
79, 36.439, 209.003

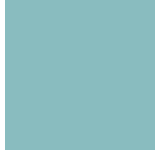
Monochromacy



Original Color
79, 37.317, 203.543



Achromatopsia
71, 0.009, 296.813



Achromatomaly
73, 17.346, 203.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.317, 203.543 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(75, 214, 222)` looks like.

```
.text, #text, p{  
    color:rgb(75, 214, 222)  
}
```

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(75, 214, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 214, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.317, 203.543 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(75, 214, 222) }
```

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

```
.border{ border-color:rgb(75, 214, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 214, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 214, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 214, 222);  
box-shadow:4px 4px 4px 4px rgb(75, 214,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.317, 203.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 214, 222) }
```

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

```
.background{ background-color: rgb(75, 214,  
222) }
```

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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