

Converting Colors

CIELCh(79, 41.375, 209.047)

Have a look what the booklet for
CIELCh(79, 41.375, 209.047)
contains.

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Color

CIELCh(79, 41.269, 209.625)

Conversions

Conversions Part 1

Format	Color
Hex	23D7E8
RGB	35, 215, 232
RGB Percent	14%, 84%, 91%
CMY	0.8639, 0.1558, 0.0892
CMYK	0.85, 0.07, 0.00, 0.09
HSL	185°, 81%, 52%
HSV	185°, 85%, 91%
XYZ	39.6532, 54.9284, 85.0533
YIQ	163.1180, -112.7370, -32.8730

Conversions

Conversions Part 2

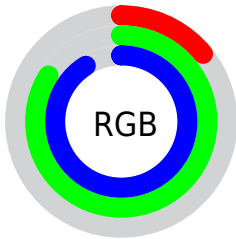
Format	Color
R _Y B	35, 129, 232
Decimal	2349032
CIE Lab	79.00, -35.87, -20.40
CIE LCh	79, 41.269, 209.625
Yxy	54.9284, 0.2207, 0.3058
Android (android.graphics.Color)	4280539112 (0xFF23D7E8)
YUV	163.1180, 33.9588, -112.3595
Hunter-Lab	74.1137, -34.1957, -16.1620

Details

The CIELCh color **79, 41.269, 209.625** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **52, 85.036, 38.238**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 38.486, 197.062**, and **60, 34.054, 212.318** is the 20% darker color. If you saturate the color by 10%, you get **78, 41.918, 210.941**, and if you desaturate by 10%, it is **80, 39.718, 208.598**.

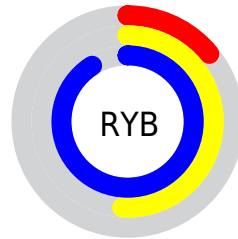
Distribution



Red (14%)

Green (84%)

Blue (91%)



Red (14%)

Yellow (51%)

Blue (91%)

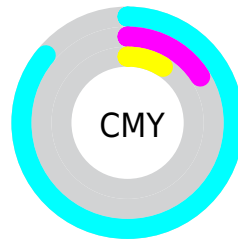


Cyan (85%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (86%)


Magenta (16%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 41.269, 209.625 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, 41.269, 209.625 by changing the saturation by 10% instead.

 79, 41.269,
209.625

 79, 41.269,
209.625


 100, 41.269,
209.625


 69, 41.269,
209.625


 99, 41.269,
209.625

 59, 41.269,
209.625

 49, 41.269,
209.625

 39, 41.269,
209.625

 29, 41.269,
209.625

 19, 41.269,
209.625

 9, 41.269, 209.625

■ 0, 41.269, 209.625

■ 79, 41.269,
209.625

■ 79, 41.269,
209.625

■ 78, 41.918,
210.941

■ 80, 39.718,
208.598

■ 78, 42.025,
211.673

■ 81, 37.178,
207.839

■ 82, 33.639,
207.315

■ 84, 29.150,
206.994

■ 85, 23.802,
206.844

■ 87, 17.711,
206.838

■ 89, 11.001,
206.958

■ 91, 3.796, 207.255

■ 93, 3.792, 27.188

Harmonies

Complementary

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



79, 41.269, 209.625



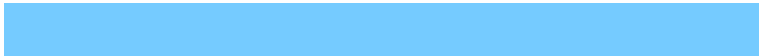
52, 85.036, 38.238

Rectangle

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



79, 41.269, 209.625



79, 41.269, 259.625



79, 41.269, 29.625



79, 41.269, 79.625

Sweetspot

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



79, 41.268, 209.624



94, 19.744, 206.832



81, 103.354, 138.010



50, 13.206, 206.824



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, 41.268, 209.624



85, 45.083, 211.760



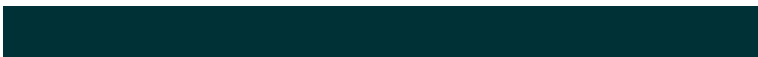
51, 67.469, 285.749



48, 4.251, 207.086



62, 34.918, 211.402



18, 15.133, 208.985

Inverse Universe

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



55, 97.478, 331.418



59, 107.879, 332.065



69, 70.797, 71.248



46, 7.974, 327.374



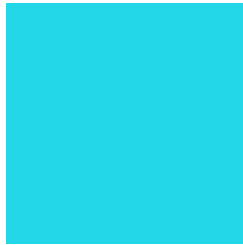
42, 83.538, 331.977



9, 36.127, 331.385

Previews

White Background



This preview shows how the CIE LCh color 79, 41.269, 209.625 looks on a white background.

Color Contrast Check

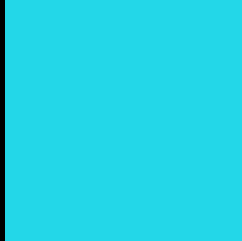
Large Text (above 18pt) WCAG AA × Fail

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, 41.269, 209.625 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, 41.269, 209.625

Background



This preview shows how black text looks on a background with the CIELCh color 79, 41.269, 209.625.



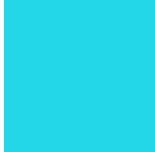
This preview shows how white text looks on a background with the CIELCh color 79, 41.269, 209.625.

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



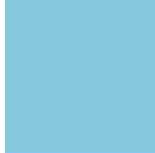


Tritanopia
79, 41.185, 210.445

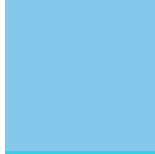
Trichromacy



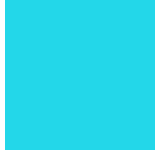
Original Color
79, 41.207, 209.649



Protanomaly
77, 23.535, 228.453



Deuteranomaly
77, 27.183, 245.754

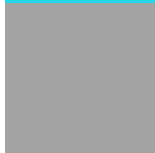


Tritanomaly
79, 41.185, 210.445

Monochromacy



Original Color
79, 41.207, 209.649



Achromatopsia
67, 0.008, 296.813



Achromatomaly
70, 21.681, 206.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 41.269, 209.625 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(35, 215, 232)` looks like.

```
.text, #text, p{  
    color:rgb(35, 215, 232)  
}
```

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(35, 215, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 215, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 41.269, 209.625 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(35, 215, 232) }
```

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

```
.border{ border-color:rgb(35, 215, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 215, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 215, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 215, 232);  
box-shadow:4px 4px 4px 4px rgb(35, 215,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 41.269, 209.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 215, 232) }
```

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

```
.background{ background-color: rgb(35, 215,  
232) }
```

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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