

Converting Colors

CIELCh(75, 35.851, 207.474)

Have a look what the booklet for
CIELCh(75, 35.851, 207.474)
contains.

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Color

CIELCh(75, 35.851, 207.474)

Conversions

Conversions Part 1

Format	Color
Hex	44CAD6
RGB	68, 202, 214
RGB Percent	27%, 79%, 84%
CMY	0.7337, 0.2082, 0.1611
CMYK	0.68, 0.06, 0.00, 0.16
HSL	185°, 64%, 55%
HSV	185°, 68%, 84%
XYZ	35.6045, 48.2781, 71.0052
YIQ	163.3020, -83.7160, -24.6760

Conversions

Conversions Part 2

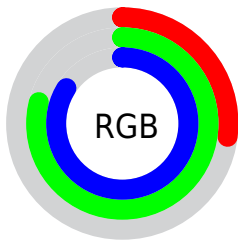
Format	Color
RYB	68, 138, 214
Decimal	4508374
CIELab	75.00, -31.81, -16.54
CIELCh	75, 35.851, 207.474
Yxy	48.2781, 0.2299, 0.3117
Android (android.graphics.Color)	4282698454 (0xFF44CAD6)
YUV	163.3020, 24.9941, -83.5799
Hunter-Lab	69.4824, -30.1266, -11.9516

Details

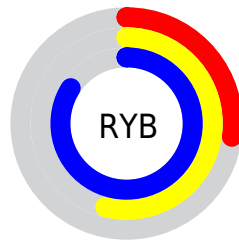
The CIELCh color **75, 35.851, 207.474** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **52, 62.638, 33.937**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 35.582, 197.234**, and **55, 32.064, 209.223** is the 20% darker color. If you saturate the color by 10%, you get **74, 37.967, 208.249**, and if you desaturate by 10%, it is **76, 32.797, 206.929**.

Distribution



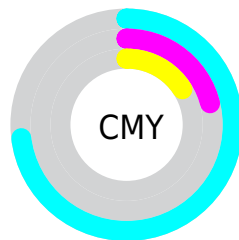
- Red (27%)
- Green (79%)
- Blue (84%)



- Red (27%)
- Yellow (54%)
- Blue (84%)



- Cyan (68%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)





- Cyan (73%)
- Magenta (21%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 35.851, 207.474 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 75, 35.851, 207.474 by changing the saturation by 10% instead.

 75, 35.851,
207.474

 75, 35.851,
207.474


 100, 35.851,
207.474


 65, 35.851,
207.474


 95, 35.851,
207.474

 55, 35.851,
207.474

 45, 35.851,
207.474

 35, 35.851,
207.474

 25, 35.851,
207.474

 15, 35.851,
207.474

 5, 35.851, 207.474

■ 0, 35.851, 207.474

■ 75, 35.851,
207.474

■ 75, 35.851,
207.474

■ 74, 37.967,
208.249

■ 76, 32.797,
206.929

■ 73, 39.175,
209.287

■ 77, 28.839,
206.588

■ 73, 39.611,
210.589

■ 79, 24.050,
206.419

■ 73, 39.657,
210.827

■ 80, 18.533,
206.395

■ 82, 12.402,
206.497

■ 84, 5.773, 206.732

■ 86, 1.245, 26.415

■ 88, 8.556, 27.128

■ 90, 14.020, 28.411

Harmonies

Complementary

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



75, 35.851, 207.474



52, 62.638, 33.937

Rectangle

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



75, 35.851, 207.474



75, 35.851, 257.474



75, 35.851, 27.474



75, 35.851, 77.474

Sweetspot

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



75, 35.850, 207.473



96, 15.567, 206.468



76, 84.593, 139.809



50, 10.519, 206.434



0, 0.000, 0.000



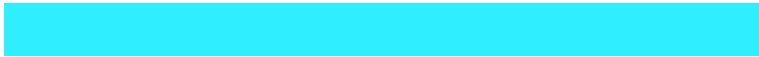
53, 0.007, 296.813

Same Dimension

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



75, 35.850, 207.473



86, 44.102, 208.689



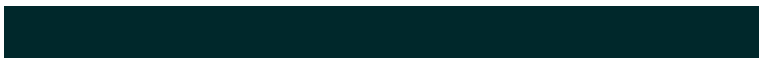
54, 48.896, 277.642



44, 3.959, 206.694



59, 33.579, 210.582



14, 13.366, 207.750

Inverse Universe

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



55, 81.740, 330.501



61, 103.689, 331.146



67, 54.053, 72.899



42, 7.419, 327.252



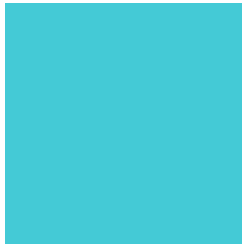
40, 80.291, 331.777



6, 31.037, 330.893

Previews

White Background



This preview shows how the CIELCh color 75, 35.851, 207.474 looks on a white background.

Color Contrast Check

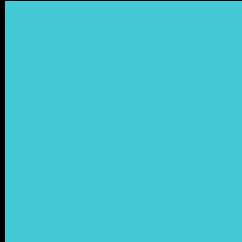
Large Text (above 18pt) WCAG AA × Fail

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 75, 35.851, 207.474 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 75, 35.851, 207.474

Background



This preview shows how black text looks on a background with the CIELCh color 75, 35.851, 207.474.



This preview shows how white text looks on a background with the CIELCh color 75, 35.851, 207.474.

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

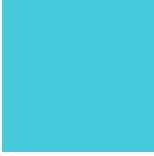
75, 35.851, 207.474

Protanopia

75, 10.281, 289.173

Deuteranopia

75, 21.769, 296.695



Tritanopia
75, 35.335, 212.289

Trichromacy



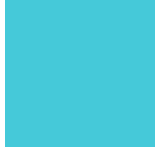
Original Color
75, 35.851, 207.474



Protanomaly
74, 18.237, 228.896



Deuteranomaly
74, 21.260, 248.927

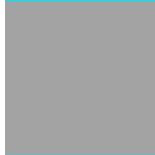


Tritanomaly
75, 35.466, 211.294

Monochromacy



Original Color
75, 35.851, 207.474



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 16.834, 207.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 35.851, 207.474 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(68, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(68, 202, 214)  
}
```

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(68, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 202, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 35.851, 207.474 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(68, 202, 214) }
```

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

```
.border{ border-color:rgb(68, 202, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 202, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(68, 202,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 35.851, 207.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 202, 214) }
```

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

```
.background{ background-color: rgb(68, 202,  
214) }
```

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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