

Converting Colors

CIELCh(35, 25.396, 207.713)

Have a look what the booklet for
CIELCh(35, 25.396, 207.713)
contains.

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Color

CIELCh(35, 23.173, 207.610)

Conversions

Conversions Part 1

Format	Color
Hex	005C63
RGB	0, 92, 99
RGB Percent	0%, 36%, 39%
CMY	1.0000, 0.6400, 0.6126
CMYK	1.00, 0.07, 0.00, 0.61
HSL	184°, 100%, 19%
HSV	184°, 100%, 39%
XYZ	6.0188, 8.4984, 13.0747
YIQ	65.2900, -57.0790, -17.3270

Conversions

Conversions Part 2

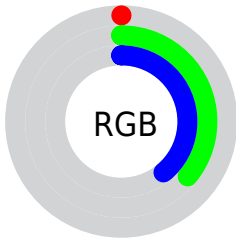
Format	Color
RYB	0, 48, 99
Decimal	23651
CIELab	35.00, -20.53, -10.74
CIELCh	35, 23.173, 207.610
Yxy	8.4984, 0.2181, 0.3080
Android (android.graphics.Color)	4278213731 (0xFF005C63)
YUV	65.2900, 16.6190, -57.2593
Hunter-Lab	29.1520, -14.1626, -6.1853

Details

The CIELCh color **35, 23.173, 207.610** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **19, 48.063, 37.564**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 23.036, 207.492**, and **17, 14.558, 216.708** is the 20% darker color. If you saturate the color by 10%, you get **35, 22.959, 207.736**, and if you desaturate by 10%, it is **35, 22.322, 206.953**.

Distribution



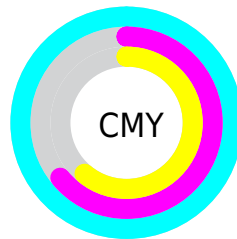
- Red (0%)
- Green (36%)
- Blue (39%)



- Red (0%)
- Yellow (19%)
- Blue (39%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (61%)





- Cyan (100%)
- Magenta (64%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 23.173, 207.610 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 35, 23.173, 207.610 by changing the saturation by 10% instead.


 35, 23.173,
207.610


 35, 23.173,
207.610

 100, 23.173,
207.610


 25, 23.173,
207.610

 55, 23.173,
207.610


 15, 23.173,
207.610


 65, 23.173,
207.610

 5, 23.173, 207.610

 75, 23.173,
207.610

 0, 23.173, 207.610

 85, 23.173,
207.610

 95, 23.173,
207.610

■ 35, 23.173,
207.610

■ 35, 23.173,
207.610

■ 35, 22.959,
207.736

■ 35, 22.322,
206.953

■ 36, 21.480,
206.239

■ 36, 20.176,
205.718

■ 37, 18.405,
205.369

■ 37, 16.188,
205.172

■ 38, 13.563,
205.107

■ 39, 10.578,
205.156

■ 40, 7.286, 205.304

Harmonies

Complementary

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



35, 23.173, 207.610



19, 48.063, 37.564

Rectangle

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



35, 23.173, 207.610



35, 23.173, 257.610



35, 23.173, 27.610



35, 23.173, 77.610

Sweetspot

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



35, 22.959, 207.736



50, 13.006, 205.147



36, 58.184, 137.121



25, 8.704, 205.126



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



35, 22.959, 207.736



45, 27.470, 208.096



18, 38.530, 287.220



20, 2.072, 205.597



40, 25.091, 207.924



81, 43.670, 208.724

Inverse Universe

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



22, 54.722, 331.079



29, 65.506, 331.167



28, 41.025, 68.441



18, 3.859, 326.847



25, 59.819, 331.125



56, 104.223, 331.321

Previews

White Background



This preview shows how the CIELCh color 35, 23.173, 207.610 looks on a white 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

Black Background



This preview shows how the CIELCh color 35, 23.173, 207.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

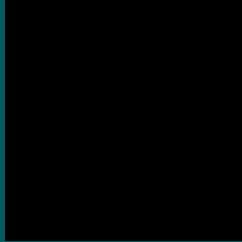
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 23.173, 207.610

Background



This preview shows how black text looks on a background with the CIELCh color 35, 23.173, 207.610.



This preview shows how white text looks on a background with the CIELCh color 35, 23.173, 207.610.

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
35, 22.996, 207.719

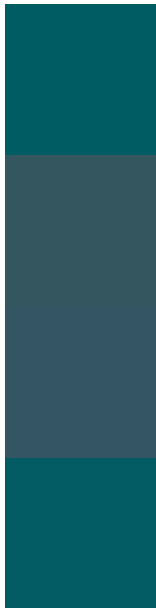
Protanopia
35, 6.247, 287.481

Deuteranopia
35, 12.491, 292.244



Tritanopia
35, 22.587, 207.968

Trichromacy



Original Color
35, 22.996, 207.719

Protanomaly
34, 13.114, 220.549

Deuteranomaly
34, 14.536, 238.828

Tritanomaly
35, 22.750, 207.868

Monochromacy



Original Color
35, 22.996, 207.719

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 12.790, 203.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 23.173, 207.610 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(0, 92, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 92, 99)  
}
```

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(0, 92, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 92, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 23.173, 207.610 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(0, 92, 99) }
```

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

```
.border{ border-color:rgb(0, 92, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 92, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 92, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 92, 99); box-shadow:4px  
4px 4px 4px rgb(0, 92, 99) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 23.173, 207.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 92, 99) }
```

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

```
.background{ background-color: rgb(0, 92,  
99) }
```

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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