

Converting Colors

CIELCh(33, 36.330, 196.982)

Have a look what the booklet for
CIELCh(33, 36.330, 196.982)
contains.

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Color

CIELCh(35, 23.305, 199.572)

Conversions

Conversions Part 1

Format	Color
Hex	025C5E
RGB	2, 92, 94
RGB Percent	1%, 36%, 37%
CMY	0.9909, 0.6388, 0.6310
CMYK	0.98, 0.02, 0.00, 0.63
HSL	181°, 95%, 19%
HSV	181°, 98%, 37%
XYZ	5.8906, 8.4984, 11.9433
YIQ	65.3180, -54.2820, -18.4580

Conversions

Conversions Part 2

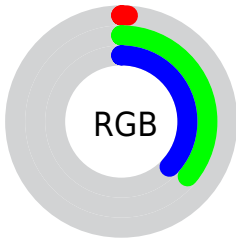
Format	Color
R_{YB}	2, 47, 94
Decimal	154718
CIE _{Lab}	35.00, -21.96, -7.81
CIE _{LCh}	35, 23.305, 199.572
Yxy	8.4984, 0.2237, 0.3227
Android (android.graphics.Color)	4278344798 (0xFF025C5E)
YUV	65.3180, 14.1402, -55.5299
Hunter-Lab	29.1520, -14.9471, -3.8841

Details

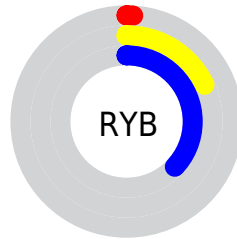
The CIELCh color **35, 23.305, 199.572** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18, 45.876, 35.266**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 23.360, 198.646**, and **16, 14.463, 205.048** is the 20% darker color. If you saturate the color by 10%, you get **35, 23.490, 199.603**, and if you desaturate by 10%, it is **35, 22.557, 199.433**.

Distribution



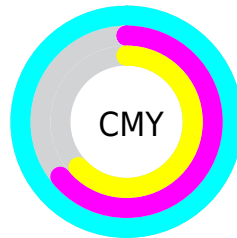
- Red (1%)
- Green (36%)
- Blue (37%)



- Red (1%)
- Yellow (18%)
- Blue (37%)



- Cyan (98%)
- Magenta (2%)
- Yellow (0%)
- Black (63%)





- Cyan (99%)
- Magenta (64%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 23.305, 199.572 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 35, 23.305, 199.572 by changing the saturation by 10% instead.


 35, 23.305,
199.572


 35, 23.305,
199.572

 100, 23.305,
199.572


 25, 23.305,
199.572

 55, 23.305,
199.572


 15, 23.305,
199.572


 65, 23.305,
199.572

 5, 23.305, 199.572

 75, 23.305,
199.572

 0, 23.305, 199.572

 85, 23.305,
199.572

 95, 23.305,
199.572

■ 35, 23.305,
199.572

■ 35, 23.305,
199.572

■ 35, 23.490,
199.603

■ 35, 22.557,
199.433

■ 35, 21.523,
199.350

■ 36, 20.037,
199.356

■ 36, 18.100,
199.447

■ 37, 15.733,
199.620

■ 37, 12.975,
199.866

■ 38, 9.874, 200.180

■ 39, 6.483, 200.559

Harmonies

Complementary

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



35, 23.305, 199.572



18, 45.876, 35.266

Rectangle

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



35, 23.305, 199.572



35, 23.305, 249.572



35, 23.305, 19.572



35, 23.305, 69.572

Sweetspot

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



35, 23.305, 199.571



49, 12.810, 200.100



34, 56.584, 136.512



24, 8.620, 200.009



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 23.305, 199.571



45, 28.268, 199.705



19, 32.849, 281.601



18, 2.076, 200.960



41, 26.142, 199.665



84, 45.995, 199.885

Inverse Universe

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



21, 54.228, 329.002



28, 66.040, 329.080



26, 38.681, 64.415



17, 3.812, 325.449



25, 61.066, 329.070



56, 107.522, 329.126

Previews

White Background



This preview shows how the CIE LCh color 35, 23.305, 199.572 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, 23.305, 199.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

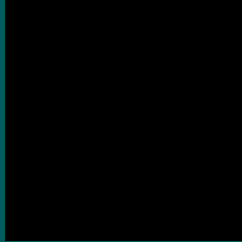
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 23.305, 199.572

Background



This preview shows how black text looks on a background with the CIELCh color 35, 23.305, 199.572.



This preview shows how white text looks on a background with the CIELCh color 35, 23.305, 199.572.

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
35, 23.311, 199.585

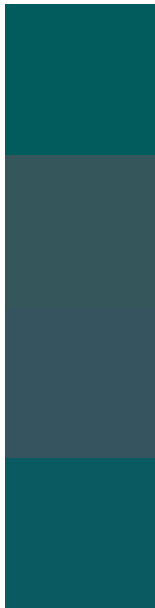
Protanopia
35, 3.747, 290.815

Deuteranopia
35, 10.726, 298.366



Tritanopia
35, 21.502, 210.429

Trichromacy



Original Color
35, 23.311, 199.585

Protanomaly
34, 12.462, 209.511

Deuteranomaly
34, 12.923, 234.137

Tritanomaly
35, 22.046, 206.613

Monochromacy



Original Color
35, 23.311, 199.585

Achromatopsia
28, 0.004, 296.813

Achromatomaly
30, 12.541, 200.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 23.305, 199.572 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(2, 92, 94)` looks like.

```
.text, #text, p{  
    color:rgb(2, 92, 94)  
}
```

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(2, 92, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 92, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 23.305, 199.572 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(2, 92, 94) }
```

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

```
.border{ border-color:rgb(2, 92, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 92, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 92, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 92, 94); box-shadow:4px  
4px 4px 4px rgb(2, 92, 94) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 23.305, 199.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 92, 94) }
```

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

```
.background{ background-color: rgb(2, 92,  
94) }
```

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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