

Converting Colors

CIELCh(36, 19.866, 180.884)

Have a look what the booklet for
CIELCh(36, 19.866, 180.884)
contains.

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Color

CIELCh(36, 19.578, 182.048)

Conversions

Conversions Part 1

Format	Color
Hex	295D55
RGB	41, 93, 85
RGB Percent	16%, 36%, 33%
CMY	0.8382, 0.6343, 0.6657
CMYK	0.56, 0.00, 0.09, 0.63
HSL	171°, 39%, 26%
HSV	171°, 56%, 37%
XYZ	6.5098, 9.0082, 10.0398
YIQ	76.5400, -28.4240, -13.5120

Conversions

Conversions Part 2

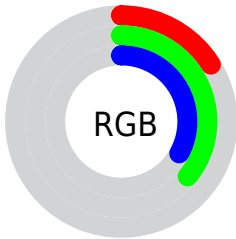
Format	Color
RYB	41, 69, 93
Decimal	2710869
CIELab	36.00, -19.57, -0.70
CIELCh	36, 19.578, 182.048
Yxy	9.0082, 0.2547, 0.3525
Android (android.graphics.Color)	4280900949 (0xFF295D55)
YUV	76.5400, 4.1708, -31.1686
Hunter-Lab	30.0136, -13.8078, 1.1766

Details

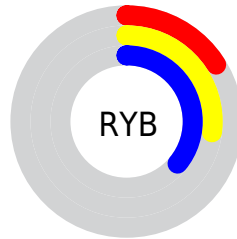
The CIELCh color **36, 19.578, 182.048** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **24, 25.394, 14.099**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 19.790, 182.333**, and **16, 17.259, 179.355** is the 20% darker color. If you saturate the color by 10%, you get **36, 22.100, 181.020**, and if you desaturate by 10%, it is **36, 16.674, 183.005**.

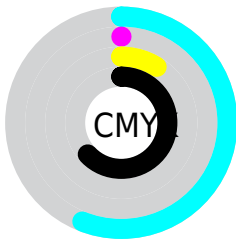
Distribution



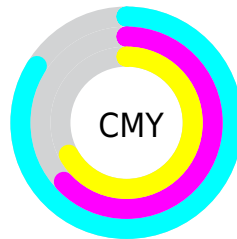
- Red (16%)
- Green (36%)
- Blue (33%)



- Red (16%)
- Yellow (27%)
- Blue (36%)



- Cyan (56%)
- Magenta (0%)
- Yellow (9%)
- Black (63%)





- Cyan (84%)
- Magenta (63%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 19.578, 182.048 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 36, 19.578, 182.048 by changing the saturation by 10% instead.


 36, 19.578,
182.048


 36, 19.578,
182.048

 100, 19.578,
182.048


 26, 19.578,
182.048

 56, 19.578,
182.048


 16, 19.578,
182.048


 66, 19.578,
182.048

 6, 19.578, 182.048

 76, 19.578,
182.048

 0, 19.578, 182.048

 86, 19.578,
182.048

 96, 19.578,
182.048

■ 36, 19.578,
182.048

■ 36, 19.578,
182.048

■ 36, 22.100,
181.020

■ 36, 16.674,
183.005

■ 35, 24.203,
179.909

■ 37, 13.436,
183.912

■ 35, 25.872,
178.697

■ 38, 9.922, 184.779

■ 35, 27.212,
177.420

■ 38, 6.189, 185.622

■ 39, 2.293, 186.501

■ 35, 27.781,
176.909

■ 40, 1.716, 6.968

■ 41, 5.795, 7.844

■ 42, 9.908, 8.599

■ 43, 14.026, 9.325

Harmonies

Complementary

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



36, 19.578, 182.048



24, 25.394, 14.099

Rectangle

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



36, 19.578, 182.048



36, 19.578, 232.048



36, 19.578, 2.048



36, 19.578, 52.048

Sweetspot

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



36, 19.578, 182.046



50, 8.330, 185.471



35, 36.435, 136.600



25, 5.508, 185.373



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



36, 19.578, 182.046



46, 27.712, 180.653



30, 15.703, 243.444



18, 2.196, 186.215



41, 31.240, 176.578



84, 55.713, 175.493

Inverse Universe

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



24, 25.394, 14.099



29, 38.405, 17.501



28, 21.526, 52.253



17, 2.279, 7.466



21, 50.085, 29.872



50, 91.492, 33.540

Previews

White Background



This preview shows how the CIELCh color 36, 19.578, 182.048 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 CIE LCh color 36, 19.578, 182.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

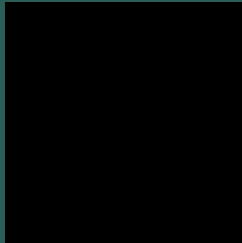
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 19.578, 182.048

Background



This preview shows how black text looks on a background with the CIELCh color 36, 19.578, 182.048.



This preview shows how white text looks on a background with the CIELCh color 36, 19.578, 182.048.

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
36, 19.578, 182.048

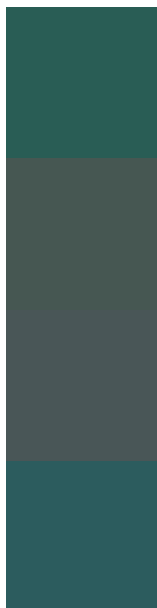
Protanopia
36, 2.792, 81.748

Deuteranopia
36, 5.369, 336.272



Tritanopia
36, 16.025, 215.804

Trichromacy



Original Color
36, 19.578, 182.048

Protanomaly
35, 7.772, 174.703

Deuteranomaly
36, 5.339, 205.457

Tritanomaly
36, 16.787, 201.568

Monochromacy



Original Color
36, 19.578, 182.048

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 8.080, 184.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 19.578, 182.048 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(41, 93, 85)` looks like.

```
.text, #text, p{  
    color:rgb(41, 93, 85)  
}
```

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(41, 93, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 93, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 19.578, 182.048 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(41, 93, 85) }
```

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

```
.border{ border-color:rgb(41, 93, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 93, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 93, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 93, 85);  
box-shadow:4px 4px 4px 4px rgb(41, 93, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 19.578, 182.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 93, 85) }
```

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

```
.background{ background-color: rgb(41, 93,  
85) }
```

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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