

Converting Colors

CIELCh(36, 28.153, 168.025)

Have a look what the booklet for
CIELCh(36, 28.153, 168.025)
contains.

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Color

CIELCh(36, 28.197, 168.330)

Conversions

Conversions Part 1

Format	Color
Hex	17604B
RGB	23, 96, 75
RGB Percent	9%, 38%, 29%
CMY	0.9110, 0.6244, 0.7067
CMYK	0.76, 0.00, 0.22, 0.62
HSL	163°, 62%, 23%
HSV	163°, 76%, 38%
XYZ	5.7713, 9.0082, 8.0530
YIQ	71.7790, -36.7670, -22.0070

Conversions

Conversions Part 2

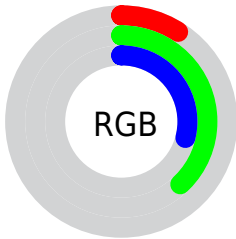
Format	Color
R_{YB}	23, 66, 96
Decimal	1531979
CIE _{Lab}	36.00, -27.61, 5.70
CIE _{LCh}	36, 28.197, 168.330
Yxy	9.0082, 0.2528, 0.3945
Android (android.graphics.Color)	4279722059 (0xFF17604B)
YUV	71.7790, 1.5880, -42.7792
Hunter-Lab	30.0136, -18.2001, 5.1013

Details

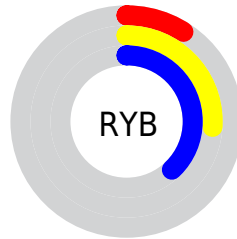
The CIELCh color **36, 28.197, 168.330** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21, 34.788, 9.306**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 28.120, 168.815**, and **17, 22.325, 161.282** is the 20% darker color. If you saturate the color by 10%, you get **36, 30.480, 166.684**, and if you desaturate by 10%, it is **36, 25.493, 169.813**.

Distribution



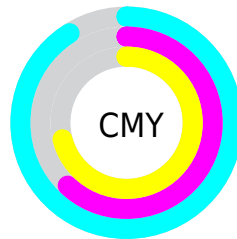
- Red (9%)
- Green (38%)
- Blue (29%)



- Red (9%)
- Yellow (26%)
- Blue (38%)



- Cyan (76%)
- Magenta (0%)
- Yellow (22%)
- Black (62%)





- Cyan (91%)
- Magenta (62%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 28.197, 168.330 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, 28.197, 168.330 by changing the saturation by 10% instead.


 36, 28.197,
168.330


 36, 28.197,
168.330

 100, 28.197,
168.330


 26, 28.197,
168.330

 56, 28.197,
168.330


 16, 28.197,
168.330


 66, 28.197,
168.330

 6, 28.197, 168.330

 76, 28.197,
168.330

 0, 28.197, 168.330

 86, 28.197,
168.330

 96, 28.197,
168.330

■ 36, 28.197,
168.330

■ 36, 28.197,
168.330

■ 36, 30.480,
166.684

■ 36, 25.493,
169.813

■ 36, 32.450,
164.959

■ 37, 22.389,
171.152

■ 35, 33.181,
164.369

■ 37, 18.929,
172.368

■ 38, 15.172,
173.481

■ 38, 11.179,
174.509

■ 39, 7.013, 175.472

■ 40, 2.732, 176.423

■ 41, 1.613, 356.981

Harmonies

Complementary

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



36, 28.197, 168.330



21, 34.788, 9.306

Rectangle

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



36, 28.197, 168.330



36, 28.197, 218.330



36, 28.197, 348.330



36, 28.197, 38.330

Sweetspot

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



36, 28.197, 168.329



50, 12.208, 174.764



36, 46.862, 132.328



25, 8.486, 174.508



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



36, 28.197, 168.329



46, 38.754, 165.147



32, 19.126, 226.707



20, 2.450, 176.169



42, 37.340, 163.933



85, 66.720, 162.505

Inverse Universe

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



21, 34.788, 9.306



26, 48.822, 16.532



23, 34.152, 41.472



18, 2.513, 357.565



22, 47.469, 19.442



51, 84.725, 23.292

Previews

White Background



This preview shows how the CIELCh color 36, 28.197, 168.330 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 36, 28.197, 168.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

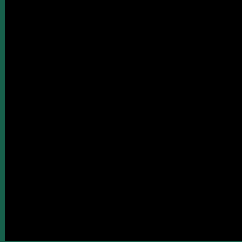
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 28.197, 168.330

Background



This preview shows how black text looks on a background with the CIELCh color 36, 28.197, 168.330.



This preview shows how white text looks on a background with the CIELCh color 36, 28.197, 168.330.

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, 28.197, 168.330

Protanopia

36, 9.547, 94.739

Deuteranopia

36, 6.533, 36.669



Tritanopia
36, 18.509, 212.991

Trichromacy



Original Color
36, 28.197, 168.330

Protanomaly
35, 14.532, 150.944

Deuteranomaly
35, 9.201, 160.575

Tritanomaly
36, 20.505, 193.267

Monochromacy



Original Color
36, 28.197, 168.330

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 12.288, 173.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 28.197, 168.330 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(23, 96, 75)` looks like.

```
.text, #text, p{  
    color:rgb(23, 96, 75)  
}
```

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(23, 96, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 96, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 28.197, 168.330 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(23, 96, 75) }
```

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

```
.border{ border-color:rgb(23, 96, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 96, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 96, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 96, 75);  
box-shadow:4px 4px 4px 4px rgb(23, 96, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 28.197, 168.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 96, 75) }
```

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

```
.background{ background-color: rgb(23, 96,  
75) }
```

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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