

Converting Colors

CIELCh(36, 27.685, 164.711)

Have a look what the booklet for
CIELCh(36, 27.685, 164.711)
contains.

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Color

CIELCh(36, 27.618, 164.827)

Conversions

Conversions Part 1

Format	Color
Hex	1E5F48
RGB	30, 95, 72
RGB Percent	12%, 37%, 28%
CMY	0.8806, 0.6260, 0.7162
CMYK	0.68, 0.00, 0.24, 0.63
HSL	159°, 52%, 25%
HSV	159°, 68%, 37%
XYZ	5.8562, 9.0082, 7.6221
YIQ	72.9430, -31.3570, -20.9330

Conversions

Conversions Part 2

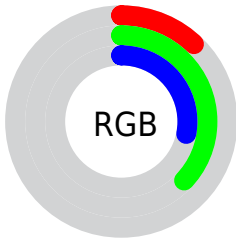
Format	Color
R_{YB}	30, 69, 95
Decimal	1990472
CIE _{Lab}	36.00, -26.66, 7.23
CIE _{LCh}	36, 27.618, 164.827
Yxy	9.0082, 0.2604, 0.4006
Android (android.graphics.Color)	4280180552 (0xFF1E5F48)
YUV	72.9430, -0.4649, -37.6610
Hunter-Lab	30.0136, -17.6952, 5.9526

Details

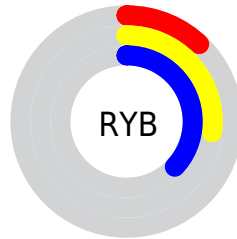
The CIELCh color **36, 27.618, 164.827** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23, 31.757, 1.721**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 27.675, 164.285**, and **16, 23.151, 158.327** is the 20% darker color. If you saturate the color by 10%, you get **36, 30.562, 163.235**, and if you desaturate by 10%, it is **36, 24.282, 166.255**.

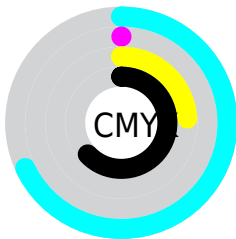
Distribution



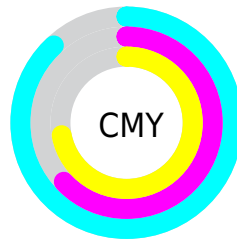
- Red (12%)
- Green (37%)
- Blue (28%)



- Red (12%)
- Yellow (27%)
- Blue (37%)



- Cyan (68%)
- Magenta (0%)
- Yellow (24%)
- Black (63%)





- Cyan (88%)
- Magenta (63%)
- Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 27.618, 164.827 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, 27.618, 164.827 by changing the saturation by 10% instead.


 36, 27.618,
164.827


 36, 27.618,
164.827

 100, 27.618,
164.827


 26, 27.618,
164.827

 56, 27.618,
164.827


 16, 27.618,
164.827


 66, 27.618,
164.827

 6, 27.618, 164.827

 76, 27.618,
164.827

 0, 27.618, 164.827

 86, 27.618,
164.827

 96, 27.618,
164.827

■ 36, 27.618,
164.827

■ 36, 27.618,
164.827

■ 36, 30.562,
163.235

■ 36, 24.282,
166.255

■ 35, 33.090,
161.467

■ 37, 20.599,
167.542

■ 35, 35.374,
159.681

■ 37, 16.628,
168.706

■ 35, 35.817,
159.366

■ 38, 12.435,
169.768

■ 39, 8.083, 170.749

■ 40, 3.631, 171.686

■ 41, 0.867, 352.137

■ 42, 5.371, 353.178

■ 43, 9.845, 353.938

Harmonies

Complementary

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



36, 27.618, 164.827



23, 31.757, 1.721

Rectangle

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



36, 27.618, 164.827



36, 27.618, 214.827



36, 27.618, 344.827



36, 27.618, 34.827

Sweetspot

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



36, 27.618, 164.826



50, 11.142, 170.506



36, 41.786, 130.682



26, 7.648, 170.318



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, 27.618, 164.826



46, 39.050, 162.110



34, 18.403, 214.576



20, 2.552, 171.609



41, 40.481, 158.890



84, 72.627, 157.385

Inverse Universe

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



23, 31.757, 1.721



27, 45.216, 6.552



24, 30.846, 36.073



18, 2.604, 352.993



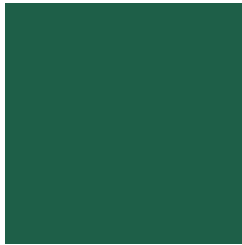
22, 46.458, 13.342



51, 82.148, 17.047

Previews

White Background



This preview shows how the CIELCh color 36, 27.618, 164.827 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, 27.618, 164.827 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, 27.618, 164.827

Background



This preview shows how black text looks on a background with the CIELCh color 36, 27.618, 164.827.



This preview shows how white text looks on a background with the CIELCh color 36, 27.618, 164.827.

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, 27.618, 164.827

Protanopia
36, 10.861, 93.622

Deuteranopia
36, 7.770, 48.625



Tritanopia
36, 17.179, 212.181

Trichromacy



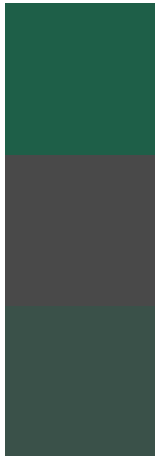
Original Color
36, 27.618, 164.827

Protanomaly
35, 14.707, 144.441

Deuteranomaly
35, 9.664, 147.651

Tritanomaly
36, 19.373, 189.464

Monochromacy



Original Color
36, 27.618, 164.827

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 10.934, 170.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 27.618, 164.827 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(30, 95, 72)` looks like.

```
.text, #text, p{  
    color:rgb(30, 95, 72)  
}
```

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(30, 95, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 95, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 27.618, 164.827 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(30, 95, 72) }
```

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

```
.border{ border-color:rgb(30, 95, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 95, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 95, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 95, 72);  
box-shadow:4px 4px 4px 4px rgb(30, 95, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 27.618, 164.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 95, 72) }
```

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

```
.background{ background-color: rgb(30, 95,  
72) }
```

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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