

Converting Colors

CIELCh(36, 27.123, 159.258)

Have a look what the booklet for
CIELCh(36, 27.123, 159.258)
contains.

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Color

CIELCh(36, 27.025, 159.576)

Conversions

Conversions Part 1

Format	Color
Hex	275F45
RGB	39, 95, 69
RGB Percent	15%, 37%, 27%
CMY	0.8478, 0.6281, 0.7301
CMYK	0.59, 0.00, 0.27, 0.63
HSL	152°, 42%, 26%
HSV	152°, 59%, 37%
XYZ	5.9752, 9.0082, 7.0273
YIQ	75.2920, -25.0300, -19.9580

Conversions

Conversions Part 2

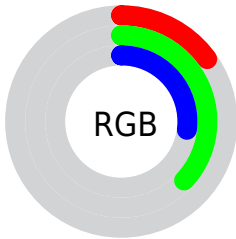
Format	Color
RYB	39, 75, 95
Decimal	2580293
CIELab	36.00, -25.33, 9.43
CIELCh	36, 27.025, 159.576
Yxy	9.0082, 0.2715, 0.4093
Android (android.graphics.Color)	4280770373 (0xFF275F45)
YUV	75.2920, -3.1020, -31.8281
Hunter-Lab	30.0136, -16.9872, 7.1275

Details

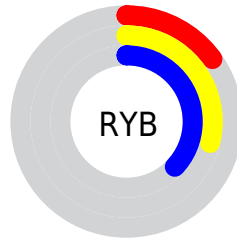
The CIELCh color **36, 27.025, 159.576** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **24, 28.984, 352.113**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 27.263, 159.494**, and **16, 24.138, 155.957** is the 20% darker color. If you saturate the color by 10%, you get **36, 30.821, 158.100**, and if you desaturate by 10%, it is **37, 22.894, 160.891**.

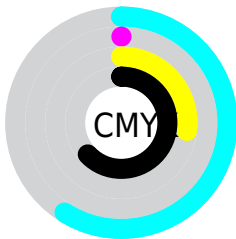
Distribution



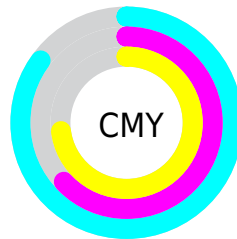
- Red (15%)
- Green (37%)
- Blue (27%)



- Red (15%)
- Yellow (29%)
- Blue (37%)



- Cyan (59%)
- Magenta (0%)
- Yellow (27%)
- Black (63%)





- Cyan (85%)
- Magenta (63%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 27.025, 159.576 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, 27.025, 159.576 by changing the saturation by 10% instead.


 36, 27.025,
159.576


 36, 27.025,
159.576

 100, 27.025,
159.576


 26, 27.025,
159.576

 56, 27.025,
159.576


 16, 27.025,
159.576


 66, 27.025,
159.576

 6, 27.025, 159.576

 76, 27.025,
159.576

 0, 27.025, 159.576

 86, 27.025,
159.576

 96, 27.025,
159.576

■ 36, 27.025,
159.576

■ 36, 27.025,
159.576

■ 36, 30.821,
158.100

■ 37, 22.894,
160.891

■ 35, 34.229,
156.449

■ 37, 18.493,
162.066

■ 35, 37.220,
154.613

■ 38, 13.893,
163.122

■ 35, 39.995,
152.817

■ 39, 9.162, 164.080

■ 39, 4.362, 164.972

■ 35, 40.255,
152.663

■ 40, 0.454, 345.168

■ 41, 5.244, 346.385

■ 42, 9.976, 347.082

■ 44, 14.624,
347.720

Harmonies

Complementary

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



36, 27.025, 159.576



24, 28.984, 352.113

Rectangle

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



36, 27.025, 159.576



36, 27.025, 209.576



36, 27.025, 339.576



36, 27.025, 29.576

Sweetspot

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



36, 27.025, 159.575



49, 10.675, 164.128



37, 35.648, 127.745



25, 7.343, 163.943



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, 27.025, 159.575



46, 38.639, 157.452



36, 18.309, 200.771



20, 2.748, 164.986



41, 45.768, 152.154



84, 82.478, 150.614

Inverse Universe

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



24, 28.984, 352.113



29, 41.345, 354.788



24, 27.795, 28.177



18, 2.785, 346.289



23, 46.180, 3.199



51, 80.561, 6.303

Previews

White Background



This preview shows how the CIELCh color 36, 27.025, 159.576 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, 27.025, 159.576 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, 27.025, 159.576

Background



This preview shows how black text looks on a background with the CIELCh color 36, 27.025, 159.576.

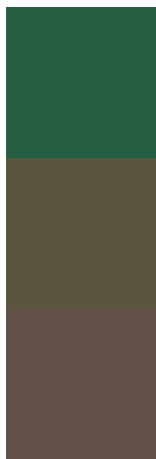


This preview shows how white text looks on a background with the CIELCh color 36, 27.025, 159.576.

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, 27.025, 159.576

Protanopia

36, 12.655, 95.308

Deuteranopia

36, 9.268, 56.897



Tritanopia
36, 15.449, 214.094

Trichromacy



Original Color
36, 27.025, 159.576

Protanomaly
35, 15.570, 136.865

Deuteranomaly
35, 10.315, 133.976

Tritanomaly
36, 17.544, 186.822

Monochromacy



Original Color
36, 27.025, 159.576

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 10.263, 164.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 27.025, 159.576 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(39, 95, 69)` looks like.

```
.text, #text, p{  
    color:rgb(39, 95, 69)  
}
```

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(39, 95, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 95, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 27.025, 159.576 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(39, 95, 69) }
```

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

```
.border{ border-color:rgb(39, 95, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 95, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 95, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 95, 69);  
box-shadow:4px 4px 4px 4px rgb(39, 95, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 27.025, 159.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 95, 69) }
```

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

```
.background{ background-color: rgb(39, 95,  
69) }
```

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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