

Converting Colors

CIELCh(36, 26.000, 162.837)

Have a look what the booklet for
CIELCh(36, 26.000, 162.837)
contains.

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Color

CIELCh(36, 25.989, 162.915)

Conversions

Conversions Part 1

Format	Color
Hex	265F48
RGB	38, 95, 72
RGB Percent	15%, 37%, 28%
CMY	0.8521, 0.6285, 0.7186
CMYK	0.60, 0.00, 0.24, 0.63
HSL	156°, 43%, 26%
HSV	156°, 60%, 37%
XYZ	6.0190, 9.0082, 7.5098
YIQ	75.3350, -26.5890, -19.2370

Conversions

Conversions Part 2

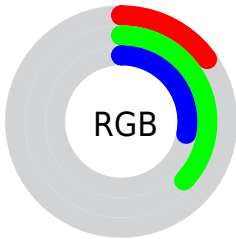
Format	Color
R_YB	38, 74, 95
Decimal	2514760
CIE Lab	36.00, -24.84, 7.64
CIE LCh	36, 25.989, 162.915
Yxy	9.0082, 0.2671, 0.3997
Android (android.graphics.Color)	4280704840 (0xFF265F48)
YUV	75.3350, -1.6442, -32.7428
Hunter-Lab	30.0136, -16.7271, 6.1744

Details

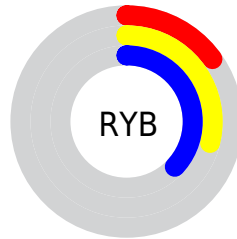
The CIELCh color **36, 25.989, 162.915** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24, 28.739, 356.462**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 26.118, 162.296**, and **16, 23.151, 158.327** is the 20% darker color. If you saturate the color by 10%, you get **36, 29.457, 161.430**, and if you desaturate by 10%, it is **36, 22.174, 164.244**.

Distribution



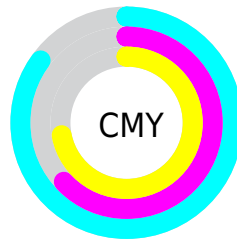
- Red (15%)
- Green (37%)
- Blue (28%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (24%)
- Black (63%)





- Cyan (85%)
- Magenta (63%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 25.989, 162.915 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, 25.989, 162.915 by changing the saturation by 10% instead.


 36, 25.989,
162.915


 36, 25.989,
162.915

 100, 25.989,
162.915


 26, 25.989,
162.915

 56, 25.989,
162.915


 16, 25.989,
162.915


 66, 25.989,
162.915

 6, 25.989, 162.915

 76, 25.989,
162.915

 0, 25.989, 162.915

 86, 25.989,
162.915

 96, 25.989,
162.915

■ 36, 25.989,
162.915

■ 36, 25.989,
162.915

■ 36, 29.457,
161.430

■ 36, 22.174,
164.244

■ 35, 32.532,
159.774

■ 37, 18.071,
165.439

■ 35, 35.196,
157.935

■ 38, 13.747,
166.520

■ 35, 37.659,
156.207

■ 38, 9.268, 167.508

■ 39, 4.695, 168.432

■ 40, 0.081, 172.361

■ 41, 4.529, 349.918

■ 42, 9.102, 350.666

■ 43, 13.610,
351.352

Harmonies

Complementary

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



36, 25.989, 162.915



24, 28.739, 356.462

Rectangle

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



36, 25.989, 162.915



36, 25.989, 212.915



36, 25.989, 342.915



36, 25.989, 32.915

Sweetspot

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



36, 25.989, 162.914



49, 10.215, 167.663



37, 36.755, 129.373



25, 7.024, 167.474



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, 25.989, 162.914



46, 36.837, 160.793



35, 17.646, 206.982



20, 2.635, 168.550



41, 42.814, 155.700



84, 76.989, 154.168

Inverse Universe

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



24, 28.739, 356.462



29, 40.988, 359.535



24, 27.383, 31.559



18, 2.679, 349.905



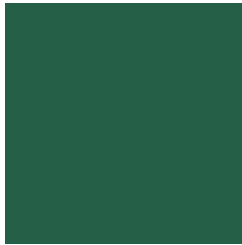
22, 46.123, 8.832



51, 81.029, 12.316

Previews

White Background



This preview shows how the CIELCh color 36, 25.989, 162.915 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, 25.989, 162.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

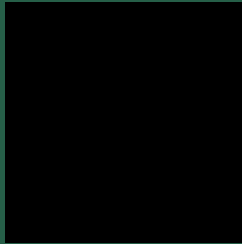
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 25.989, 162.915

Background



This preview shows how black text looks on a background with the CIELCh color 36, 25.989, 162.915.



This preview shows how white text looks on a background with the CIELCh color 36, 25.989, 162.915.

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, 25.989, 162.915

Protanopia
36, 10.861, 93.622

Deuteranopia
36, 7.770, 48.625



Tritanopia
36, 15.777, 216.128

Trichromacy



Original Color
36, 25.989, 162.915

Protanomaly
35, 13.968, 140.471

Deuteranomaly
35, 8.896, 141.503

Tritanomaly
36, 17.419, 190.936

Monochromacy



Original Color
36, 25.989, 162.915

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 10.231, 168.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 25.989, 162.915 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(38, 95, 72)` looks like.

```
.text, #text, p{  
    color:rgb(38, 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(38, 95, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 95, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 25.989, 162.915 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(38, 95, 72) }
```

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

```
.border{ border-color:rgb(38, 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(38, 95, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 95, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 95, 72);  
box-shadow:4px 4px 4px 4px rgb(38, 95, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 25.989, 162.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 95, 72) }
```

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

```
.background{ background-color: rgb(38, 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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