

Converting Colors

CIELCh(36, 25.922, 102.569)

Have a look what the booklet for
CIELCh(36, 25.922, 102.569)
contains.

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Color

CIELCh(36, 25.913, 102.552)

Conversions

Conversions Part 1

Format	Color
Hex	59562B
RGB	89, 86, 43
RGB Percent	35%, 34%, 17%
CMY	0.6500, 0.6618, 0.8305
CMYK	0.00, 0.03, 0.52, 0.65
HSL	56°, 35%, 26%
HSV	56°, 52%, 35%
XYZ	7.9327, 9.0082, 3.6287
YIQ	81.9950, 15.5910, -12.7370

Conversions

Conversions Part 2

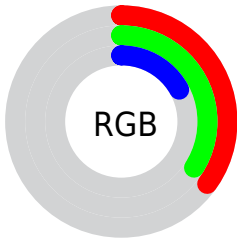
Format	Color
RYB	46, 89, 43
Decimal	5854763
CIELab	36.00, -5.63, 25.29
CIELCh	36, 25.913, 102.552
Yxy	9.0082, 0.3857, 0.4379
Android (android.graphics.Color)	4284044843 (0xFF59562B)
YUV	81.9950, -19.2245, 6.1434
Hunter-Lab	30.0136, -5.3456, 13.8413

Details

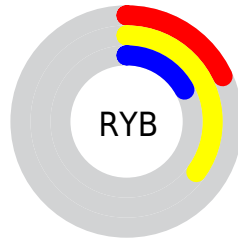
The CIELCh color **36, 25.913, 102.552** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **21, 29.027, 294.516**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 25.952, 103.142**, and **16, 23.659, 102.020** is the 20% darker color. If you saturate the color by 10%, you get **36, 30.476, 101.659**, and if you desaturate by 10%, it is **36, 21.089, 103.487**.

Distribution



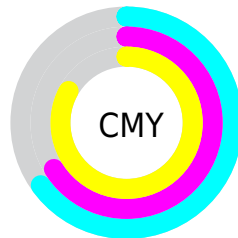
- Red (35%)
- Green (34%)
- Blue (17%)



- Red (18%)
- Yellow (35%)
- Blue (17%)



- Cyan (0%)
- Magenta (3%)
- Yellow (52%)
- Black (65%)





- Cyan (65%)
- Magenta (66%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 25.913, 102.552 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, 25.913, 102.552 by changing the saturation by 10% instead.


 36, 25.913,
102.552


 36, 25.913,
102.552

 100, 25.913,
102.552


 26, 25.913,
102.552

 56, 25.913,
102.552


 16, 25.913,
102.552


 66, 25.913,
102.552

 6, 25.913, 102.552

 76, 25.913,
102.552

 0, 25.913, 102.552

 86, 25.913,
102.552

 96, 25.913,
102.552

■ 36, 25.913,
102.552

■ 36, 25.913,
102.552

■ 36, 30.476,
101.659

■ 36, 21.089,
103.487

■ 35, 34.622,
100.819

■ 37, 16.107,
104.438

■ 35, 38.140,
100.056

■ 37, 11.037,
105.393

■ 35, 40.840, 99.386

■ 37, 5.924, 106.339

■ 35, 43.115, 98.842

■ 38, 0.796, 107.217

■ 38, 4.329, 288.203

■ 39, 9.439, 289.079

■ 39, 14.525,
289.927

■ 40, 19.582,

290.740

Harmonies

Complementary

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



36, 25.913, 102.552



21, 29.027, 294.516

Rectangle

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



36, 25.913, 102.552



36, 25.913, 152.552



36, 25.913, 282.552



36, 25.913, 332.552

Sweetspot

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



36, 25.914, 102.555



49, 9.625, 105.968



24, 22.780, 19.761



24, 6.500, 105.844



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



36, 25.914, 102.555



47, 38.255, 101.441



35, 29.132, 124.414



19, 2.937, 106.590



43, 49.746, 98.731



87, 87.437, 98.446

Inverse Universe

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



21, 29.027, 294.516



24, 44.723, 297.086



22, 31.618, 309.414



17, 2.988, 288.306



11, 68.236, 304.846



31, 123.904, 305.680

Previews

White Background



This preview shows how the CIELCh color 36, 25.913, 102.552 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, 25.913, 102.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

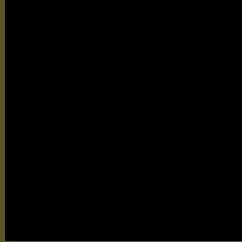
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 25.913, 102.552

Background



This preview shows how black text looks on a background with the CIELCh color 36, 25.913, 102.552.



This preview shows how white text looks on a background with the CIELCh color 36, 25.913, 102.552.

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, 25.913, 102.552

Protanopia

36, 25.773, 95.923

Deuteranopia

36, 25.110, 79.136



Tritanopia
36, 7.074, 342.652

Trichromacy



Original Color
36, 25.913, 102.552

Protanomaly
36, 25.601, 98.111

Deuteranomaly
36, 25.138, 87.640

Tritanomaly
36, 7.959, 78.048

Monochromacy



Original Color
36, 25.913, 102.552

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 9.898, 105.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 25.913, 102.552 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(89, 86, 43)` looks like.

```
.text, #text, p{  
    color:rgb(89, 86, 43)  
}
```

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(89, 86, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 86, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 25.913, 102.552 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(89, 86, 43) }
```

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

```
.border{ border-color:rgb(89, 86, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 86, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 86, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 86, 43);  
box-shadow:4px 4px 4px 4px rgb(89, 86, 43)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 25.913, 102.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 86, 43) }
```

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

```
.background{ background-color: rgb(89, 86,  
43) }
```

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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