

Converting Colors

CIELCh(36, 59.668, 104.838)

Have a look what the booklet for
CIELCh(36, 59.668, 104.838)
contains.

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Color

CIELCh(36, 45.542, 107.926)

Conversions

Conversions Part 1

Format	Color
Hex	525A00
RGB	82, 90, 0
RGB Percent	32%, 35%, 0%
CMY	0.6803, 0.6488, 1.0000
CMYK	0.09, 0.00, 1.00, 0.65
HSL	65°, 100%, 18%
HSV	65°, 100%, 35%
XYZ	7.0540, 9.0082, 1.3530
YIQ	77.3480, 24.1220, -29.6860

Conversions

Conversions Part 2

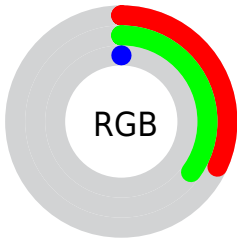
Format	Color
RYB	0, 90, 8
Decimal	5396992
CIELab	36.00, -14.02, 43.33
CIELCh	36, 45.542, 107.926
Yxy	9.0082, 0.4050, 0.5173
Android (android.graphics.Color)	4283587072 (0xFF525A00)
YUV	77.3480, -38.1326, 4.0798
Hunter-Lab	30.0136, -10.5716, 18.3368

Details

The CIELCh color **36, 45.542, 107.926** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **7, 61.598, 306.813**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 45.798, 108.143**, and **17, 26.855, 118.674** is the 20% darker color. If you saturate the color by 10%, you get **36, 45.389, 107.967**, and if you desaturate by 10%, it is **36, 42.686, 108.138**.

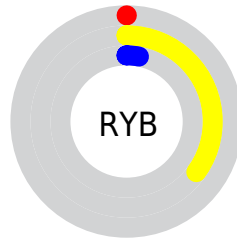
Distribution



Red (32%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (3%)

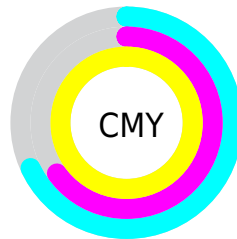


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (68%)


Magenta (65%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 45.542, 107.926 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, 45.542, 107.926 by changing the saturation by 10% instead.


 36, 45.542,
107.926


 36, 45.542,
107.926

 100, 45.542,
107.926


 26, 45.542,
107.926

 56, 45.542,
107.926


 16, 45.542,
107.926


 66, 45.542,
107.926

 6, 45.542, 107.926

 76, 45.542,
107.926

 0, 45.542, 107.926

 86, 45.542,
107.926

 96, 45.542,
107.926

■ 36, 45.542,
107.926

■ 36, 45.542,
107.926

■ 36, 45.389,
107.967

■ 36, 42.686,
108.138

■ 36, 39.783,
108.337

■ 36, 36.028,
108.735

■ 37, 31.638,
109.284

■ 37, 26.808,
109.936

■ 37, 21.690,
110.653

■ 37, 16.390,
111.407

■ 37, 10.977,

112.176

■ 38, 5.501, 112.943

Harmonies

Complementary

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



36, 45.542, 107.926



7, 61.598, 306.813

Rectangle

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



36, 45.542, 107.926



36, 45.542, 157.926



36, 45.542, 287.926



36, 45.542, 337.926

Sweetspot

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



36, 45.389, 107.967



48, 20.460, 111.331



17, 43.779, 36.794



24, 13.795, 111.133



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, 45.389, 107.967



47, 54.897, 108.133



33, 51.525, 129.384



19, 3.146, 113.030



44, 52.320, 108.095



90, 92.281, 108.429

Inverse Universe

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



7, 61.598, 306.813



12, 74.848, 306.741



12, 56.773, 314.752



17, 3.208, 294.414



10, 71.299, 306.777



30, 126.192, 306.516

Previews

White Background



This preview shows how the CIELCh color 36, 45.542, 107.926 looks on a white background.

Color Contrast Check

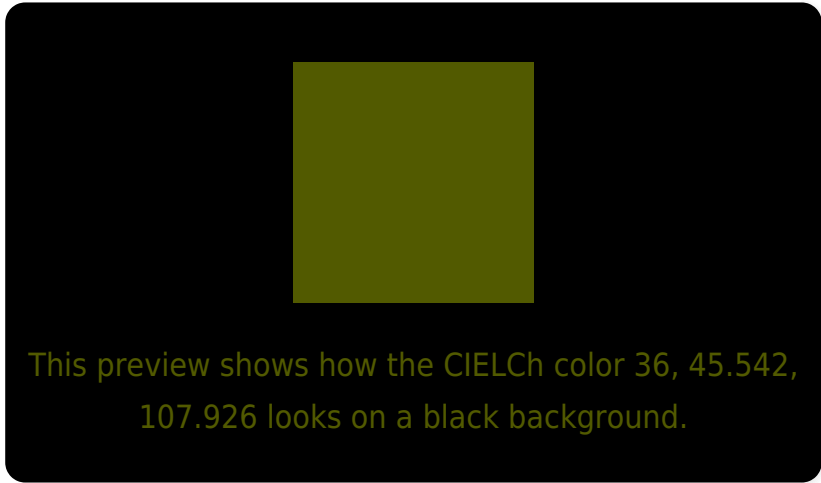
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

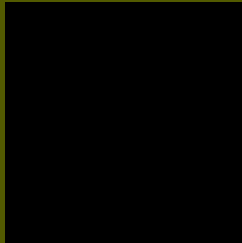
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 45.542, 107.926

Background



This preview shows how black text looks on a background with the CIELCh color 36, 45.542, 107.926.



This preview shows how white text looks on a background with the CIELCh color 36, 45.542, 107.926.

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, 45.542, 107.926

Protanopia

36, 43.959, 95.423

Deuteranopia

36, 39.654, 82.998



Tritanopia
36, 4.856, 316.462

Trichromacy



Original Color
36, 45.542, 107.926

Protanomaly
36, 44.310, 100.199

Deuteranomaly
36, 40.483, 92.324

Tritanomaly
36, 17.165, 105.688

Monochromacy



Original Color
36, 45.542, 107.926

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 20.293, 110.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 45.542, 107.926 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(82, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 90, 0)  
}
```

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(82, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 90, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 45.542, 107.926 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(82, 90, 0) }
```

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

```
.border{ border-color:rgb(82, 90, 0) }
```

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

Here you see how a box with a 4 pixel rgb(82, 90, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 90, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 90, 0); box-shadow:4px  
4px 4px 4px rgb(82, 90, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 45.542, 107.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 90, 0) }
```

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

```
.background{ background-color: rgb(82, 90,  
0) }
```

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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