

Converting Colors

CIELCh(36, 52.314, 136.279)

Have a look what the booklet for
CIELCh(36, 52.314, 136.279)
contains.

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Color

CIELCh(36, 52.270, 136.404)

Conversions

Conversions Part 1

Format	Color
Hex	1A6213
RGB	26, 98, 19
RGB Percent	10%, 38%, 7%
CMY	0.8979, 0.6156, 0.9254
CMYK	0.73, 0.00, 0.81, 0.62
HSL	115°, 67%, 23%
HSV	115°, 81%, 38%
XYZ	4.9153, 9.0082, 2.0972
YIQ	67.4660, -17.5530, -39.8330

Conversions

Conversions Part 2

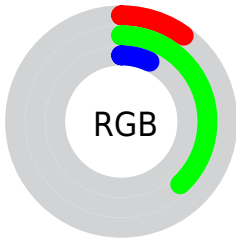
Format	Color
RYB	19, 98, 91
Decimal	1729043
CIELab	36.00, -37.85, 36.04
CIELCh	36, 52.270, 136.404
Yxy	9.0082, 0.3068, 0.5623
Android (android.graphics.Color)	4279919123 (0xFF1A6213)
YUV	67.4660, -23.8937, -36.3657
Hunter-Lab	30.0136, -23.2912, 16.8666

Details

The CIELCh color **36, 52.270, 136.404** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **22, 51.796, 324.972**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 52.586, 136.384**, and **17, 36.175, 139.074** is the 20% darker color. If you saturate the color by 10%, you get **36, 55.919, 135.901**, and if you desaturate by 10%, it is **36, 47.478, 137.120**.

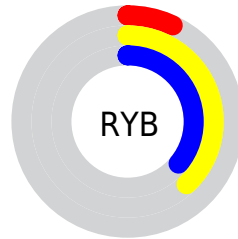
Distribution



Red (10%)

Green (38%)

Blue (7%)



Red (7%)

Yellow (38%)

Blue (36%)

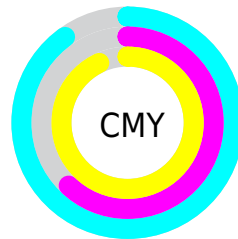


Cyan (73%)

Magenta (0%)

Yellow (81%)

Black (62%)



Cyan (90%)


Magenta (62%)


Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 52.270, 136.404 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, 52.270, 136.404 by changing the saturation by 10% instead.


 36, 52.270,
136.404

 36, 52.270,
136.404

 100, 52.270,
136.404

 26, 52.270,
136.404

 56, 52.270,
136.404


 16, 52.270,
136.404


 66, 52.270,
136.404

 6, 52.270, 136.404

 76, 52.270,
136.404

 0, 52.270, 136.404

 86, 52.270,
136.404

 96, 52.270,
136.404

■ 36, 52.270,
136.404

■ 36, 52.270,
136.404

■ 36, 55.919,
135.901

■ 36, 47.478,
137.120

■ 36, 58.821,
135.245

■ 37, 41.799,
137.940

■ 37, 35.485,
138.777

■ 38, 28.746,
139.575

■ 39, 21.752,
140.304

■ 40, 14.633,
140.956

■ 40, 7.493, 141.532

■ 42, 0.405, 142.354

Harmonies

Complementary

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



36, 52.270, 136.404



22, 51.796, 324.972

Rectangle

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



36, 52.270, 136.404



36, 52.270, 186.404



36, 52.270, 316.404



36, 52.270, 6.404

Sweetspot

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



36, 52.270, 136.405



51, 21.193, 140.696



38, 39.700, 97.980



25, 14.434, 140.536



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, 52.270, 136.405



46, 70.229, 135.608



36, 40.433, 149.556



19, 3.929, 141.626



41, 64.793, 135.353



83, 113.805, 135.702

Inverse Universe

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



22, 51.796, 324.972



28, 68.730, 324.915



22, 40.066, 347.015



18, 3.941, 322.415



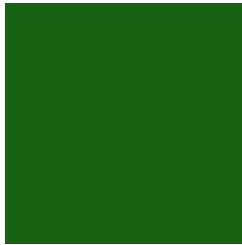
24, 63.420, 324.933



53, 110.919, 324.730

Previews

White Background



This preview shows how the CIELCh color 36, 52.270, 136.404 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, 52.270, 136.404 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, 52.270, 136.404

Background



This preview shows how black text looks on a background with the CIELCh color 36, 52.270, 136.404.



This preview shows how white text looks on a background with the CIELCh color 36, 52.270, 136.404.

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, 52.270, 136.404

Protanopia

36, 38.825, 96.088

Deuteranopia

36, 34.020, 81.602



Tritanopia
36, 15.777, 216.128

Trichromacy



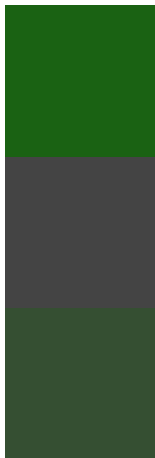
Original Color
36, 52.270, 136.404

Protanomaly
35, 41.477, 117.263

Deuteranomaly
35, 35.968, 112.153

Tritanomaly
36, 25.971, 161.205

Monochromacy



Original Color
36, 52.270, 136.404

Achromatopsia
29, 0.005, 296.813

Achromatomaly
31, 21.705, 139.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 52.270, 136.404 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(26, 98, 19)` looks like.

```
.text, #text, p{  
    color:rgb(26, 98, 19)  
}
```

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(26, 98, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 98, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 52.270, 136.404 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(26, 98, 19) }
```

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

```
.border{ border-color:rgb(26, 98, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 98, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 98, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 98, 19);  
box-shadow:4px 4px 4px 4px rgb(26, 98, 19)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 52.270, 136.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 98, 19) }
```

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

```
.background{ background-color: rgb(26, 98,  
19) }
```

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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