

Converting Colors

CIELCh(36, 23.768, 146.333)

Have a look what the booklet for
CIELCh(36, 23.768, 146.333)
contains.

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Color

CIELCh(36, 24.067, 146.580)

Conversions

Conversions Part 1

Format	Color
Hex	395D3F
RGB	57, 93, 63
RGB Percent	22%, 36%, 25%
CMY	0.7773, 0.6362, 0.7538
CMYK	0.39, 0.00, 0.32, 0.64
HSL	130°, 24%, 29%
HSV	130°, 39%, 36%
XYZ	6.4601, 9.0082, 6.0694
YIQ	78.8160, -11.8260, -16.9620

Conversions

Conversions Part 2

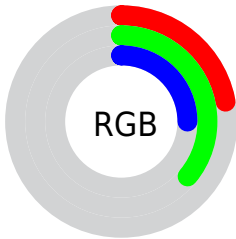
Format	Color
RYB	57, 88, 93
Decimal	3759423
CIELab	36.00, -20.09, 13.26
CIELCh	36, 24.067, 146.580
Yxy	9.0082, 0.2999, 0.4183
Android (android.graphics.Color)	4281949503 (0xFF395D3F)
YUV	78.8160, -7.7973, -19.1326
Hunter-Lab	30.0136, -14.1035, 9.0198

Details

The CIELCh color **36, 24.067, 146.580** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29, 24.117, 331.643**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 24.182, 146.441**, and **16, 24.512, 146.360** is the 20% darker color. If you saturate the color by 10%, you get **35, 30.021, 145.571**, and if you desaturate by 10%, it is **37, 17.924, 147.463**.

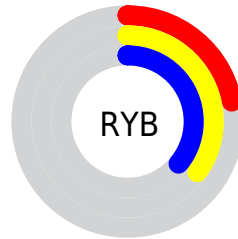
Distribution



Red (22%)

Green (36%)

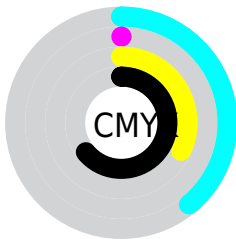
Blue (25%)



Red (22%)

Yellow (35%)

Blue (36%)

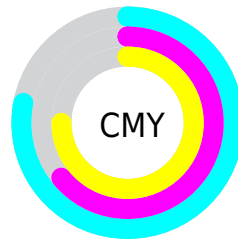


Cyan (39%)

Magenta (0%)

Yellow (32%)

Black (64%)



Cyan (78%)


Magenta (64%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 24.067, 146.580 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, 24.067, 146.580 by changing the saturation by 10% instead.


 36, 24.067,
146.580

 36, 24.067,
146.580

 100, 24.067,
146.580


 26, 24.067,
146.580

 56, 24.067,
146.580


 16, 24.067,
146.580


 66, 24.067,
146.580

 6, 24.067, 146.580

 76, 24.067,
146.580

 0, 24.067, 146.580

 86, 24.067,
146.580

 96, 24.067,
146.580

■ 36, 24.067,
146.580

■ 36, 24.067,
146.580

■ 35, 30.021,
145.571

■ 37, 17.924,
147.463

■ 35, 35.668,
144.428

■ 38, 11.688,
148.235

■ 34, 40.882,
143.157

■ 39, 5.444, 148.917

■ 34, 45.533,
141.778

■ 40, 0.745, 329.233

■ 41, 6.831, 329.942

■ 34, 49.495,
140.340

■ 42, 12.780,
330.396

■ 34, 52.829,
139.145

■ 43, 18.571,
330.788

■ 34, 53.197,
139.037

■ 44, 24.192,
331.134

■ 46, 29.636,
331.440

Harmonies

Complementary

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



36, 24.067, 146.580



29, 24.117, 331.643

Rectangle

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



36, 24.067, 146.580



36, 24.067, 196.580



36, 24.067, 326.580



36, 24.067, 16.580

Sweetspot

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



36, 24.068, 146.580



49, 9.190, 148.681



38, 21.822, 114.105



25, 6.146, 148.631



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, 24.068, 146.580



46, 35.719, 145.609



36, 16.272, 170.039



18, 3.437, 148.915



40, 60.335, 138.677



82, 108.899, 137.683

Inverse Universe

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



29, 24.117, 331.643



35, 35.683, 332.232



29, 17.879, 357.804



17, 3.447, 329.859



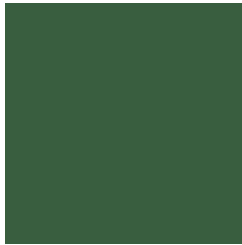
24, 54.807, 335.772



54, 95.844, 336.357

Previews

White Background



This preview shows how the CIELCh color 36, 24.067, 146.580 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 CIE LCh color 36, 24.067, 146.580 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, 24.067, 146.580

Background



This preview shows how black text looks on a background with the CIELCh color 36, 24.067, 146.580.



This preview shows how white text looks on a background with the CIELCh color 36, 24.067, 146.580.

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, 24.067, 146.580

Protanopia

36, 15.747, 95.383

Deuteranopia

36, 13.154, 68.342



Tritanopia
36, 10.282, 223.463

Trichromacy



Original Color
36, 24.067, 146.580

Protanomaly
36, 16.949, 120.000

Deuteranomaly
36, 12.939, 110.035

Tritanomaly
36, 12.236, 179.949

Monochromacy



Original Color
36, 24.067, 146.580

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 8.937, 148.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 24.067, 146.580 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(57, 93, 63)` looks like.

```
.text, #text, p{  
    color:rgb(57, 93, 63)  
}
```

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(57, 93, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 93, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 24.067, 146.580 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(57, 93, 63) }
```

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

```
.border{ border-color:rgb(57, 93, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 93, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 93, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 93, 63);  
box-shadow:4px 4px 4px 4px rgb(57, 93, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 24.067, 146.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 93, 63) }
```

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

```
.background{ background-color: rgb(57, 93,  
63) }
```

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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