

Converting Colors

CIELCh(36, 47.211, 121.684)

Have a look what the booklet for
CIELCh(36, 47.211, 121.684)
contains.

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Color

CIELCh(36, 47.354, 121.878)

Conversions

Conversions Part 1

Format	Color
Hex	3E5E08
RGB	62, 94, 8
RGB Percent	24%, 37%, 3%
CMY	0.7576, 0.6321, 0.9696
CMYK	0.34, 0.00, 0.92, 0.63
HSL	82°, 85%, 20%
HSV	82°, 92%, 37%
XYZ	6.0039, 9.0082, 1.6451
YIQ	74.6280, 8.5340, -33.5300

Conversions

Conversions Part 2

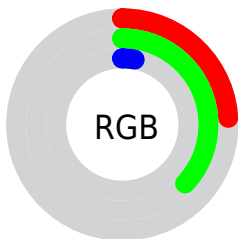
Format	Color
R _Y B	8, 94, 40
Decimal	4087304
CIE Lab	36.00, -25.01, 40.21
CIE LCh	36, 47.354, 121.878
Yxy	9.0082, 0.3604, 0.5408
Android (android.graphics.Color)	4282277384 (0xFF3E5E08)
YUV	74.6280, -32.8476, -11.0748
Hunter-Lab	30.0136, -16.8165, 17.7597

Details

The CIELCh color **36, 47.354, 121.878** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **12, 56.846, 309.660**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 47.483, 122.057**, and **16, 32.380, 135.514** is the 20% darker color. If you saturate the color by 10%, you get **36, 49.943, 122.122**, and if you desaturate by 10%, it is **36, 44.116, 121.518**.

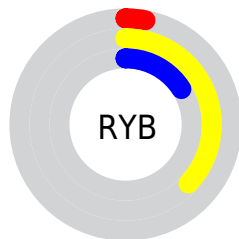
Distribution



Red (24%)

Green (37%)

Blue (3%)



Red (3%)

Yellow (37%)

Blue (16%)

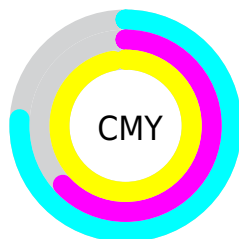


Cyan (34%)

Magenta (0%)

Yellow (92%)

Black (63%)



Cyan (76%)


Magenta (63%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 47.354, 121.878 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, 47.354, 121.878 by changing the saturation by 10% instead.


 36, 47.354,
121.878


 36, 47.354,
121.878

 100, 47.354,
121.878


 26, 47.354,
121.878

 56, 47.354,
121.878


 16, 47.354,
121.878


 66, 47.354,
121.878

 6, 47.354, 121.878

 76, 47.354,
121.878

 0, 47.354, 121.878

 86, 47.354,
121.878

 96, 47.354,
121.878

■ 36, 47.354,
121.878

■ 36, 47.354,
121.878

■ 36, 49.943,
122.122

■ 36, 44.116,
121.518

■ 37, 40.015,
121.474

■ 37, 35.238,
121.668

■ 37, 29.993,
122.015

■ 38, 24.442,
122.452

■ 38, 18.699,
122.934

■ 39, 12.846,
123.431

■ 39, 6.939, 123.926

Harmonies

Complementary

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



36, 47.354, 121.878



12, 56.846, 309.660

Rectangle

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



36, 47.354, 121.878



36, 47.354, 171.878



36, 47.354, 301.878



36, 47.354, 351.878

Sweetspot

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



36, 47.354, 121.879



50, 20.566, 123.075



23, 37.949, 52.758



25, 14.048, 122.931



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, 47.354, 121.879



46, 60.490, 122.606



34, 54.047, 135.306



19, 3.255, 124.069



42, 55.846, 122.419



86, 99.179, 123.420

Inverse Universe

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



12, 56.846, 309.660



15, 74.119, 309.755



19, 53.658, 323.468



17, 3.305, 304.894



13, 68.425, 309.882



34, 121.537, 309.223

Previews

White Background



This preview shows how the CIELCh color 36, 47.354, 121.878 looks on a white background.

Color Contrast Check

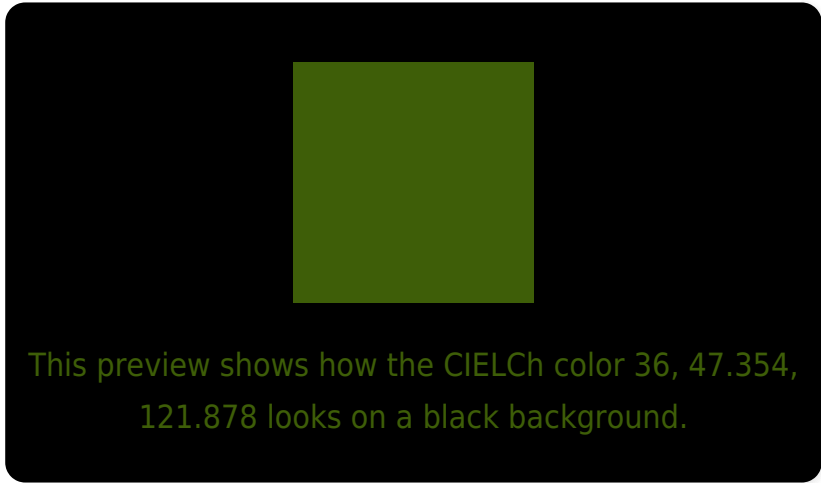
Large Text (above 18pt) WCAG AA ✓ Pass

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

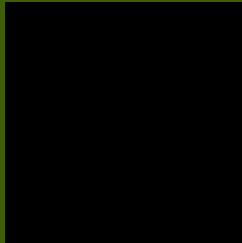
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 47.354, 121.878

Background



This preview shows how black text looks on a background with the CIELCh color 36, 47.354, 121.878.



This preview shows how white text looks on a background with the CIELCh color 36, 47.354, 121.878.

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

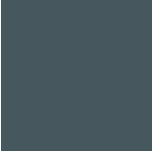
36, 47.354, 121.878

Protanopia

36, 43.888, 96.093

Deuteranopia

36, 37.943, 83.190



Tritanopia
36, 7.527, 234.204

Trichromacy



Original Color
36, 47.354, 121.878

Protanomaly
36, 43.765, 106.316

Deuteranomaly
35, 38.891, 99.846

Tritanomaly
35, 18.566, 137.637

Monochromacy



Original Color
36, 47.354, 121.878

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 19.841, 121.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 47.354, 121.878 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(62, 94, 8)` looks like.

```
.text, #text, p{  
    color:rgb(62, 94, 8)  
}
```

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(62, 94, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 94, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 47.354, 121.878 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(62, 94, 8) }
```

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

```
.border{ border-color:rgb(62, 94, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 94, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 94, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(62, 94, 8); box-shadow:4px  
4px 4px 4px rgb(62, 94, 8) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 47.354, 121.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 94, 8) }
```

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

```
.background{ background-color: rgb(62, 94,  
8) }
```

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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