

Converting Colors

CIELCh(36, 27.089, 139.769)

Have a look what the booklet for
CIELCh(36, 27.089, 139.769)
contains.

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Color

CIELCh(36, 27.064, 139.840)

Conversions

Conversions Part 1

Format	Color
Hex	3B5D38
RGB	59, 93, 56
RGB Percent	23%, 36%, 22%
CMY	0.7693, 0.6359, 0.7810
CMYK	0.37, 0.00, 0.40, 0.64
HSL	115°, 25%, 29%
HSV	115°, 40%, 36%
XYZ	6.4037, 9.0082, 5.1227
YIQ	78.6160, -8.3870, -18.7150

Conversions

Conversions Part 2

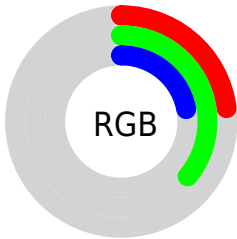
Format	Color
R_{YB}	56, 93, 90
Decimal	3890488
CIE _{Lab}	36.00, -20.68, 17.45
CIE _{LCh}	36, 27.064, 139.840
Yxy	9.0082, 0.3118, 0.4387
Android (android.graphics.Color)	4282080568 (0xFF3B5D38)
YUV	78.6160, -11.1497, -17.2032
Hunter-Lab	30.0136, -14.4392, 10.8899

Details

The CIELCh color **36, 27.064, 139.840** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29, 27.194, 324.043**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 27.480, 139.504**, and **16, 27.231, 139.799** is the 20% darker color. If you saturate the color by 10%, you get **35, 33.552, 139.042**, and if you desaturate by 10%, it is **37, 20.346, 140.568**.

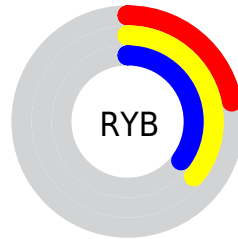
Distribution



Red (23%)

Green (36%)

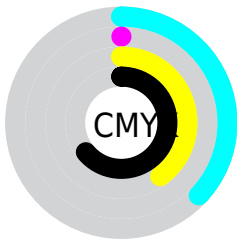
Blue (22%)



Red (22%)

Yellow (36%)

Blue (35%)

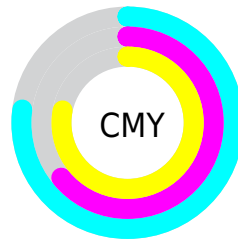


Cyan (37%)

Magenta (0%)

Yellow (40%)

Black (64%)



Cyan (77%)


Magenta (64%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 27.064, 139.840 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, 27.064, 139.840 by changing the saturation by 10% instead.


 36, 27.064,
139.840


 36, 27.064,
139.840

 100, 27.064,
139.840


 26, 27.064,
139.840

 56, 27.064,
139.840


 16, 27.064,
139.840


 66, 27.064,
139.840

 6, 27.064, 139.840

 76, 27.064,
139.840

 0, 27.064, 139.840

 86, 27.064,
139.840

 96, 27.064,
139.840

■ 36, 27.064,
139.840

■ 36, 27.064,
139.840

■ 35, 33.552,
139.042

■ 37, 20.346,
140.568

■ 35, 39.650,
138.197

■ 38, 13.519,
141.215

■ 34, 45.163,
137.357

■ 38, 6.676, 141.788

■ 34, 49.860,
136.605

■ 39, 0.110, 321.011

■ 41, 6.790, 322.655

■ 34, 53.493,
136.046

■ 42, 13.329,
323.025

■ 34, 56.597,
135.284

■ 43, 19.704,
323.338

■ 34, 56.646,
135.269

■ 44, 25.903,
323.604

■ 45, 31.920,
323.833

Harmonies

Complementary

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



36, 27.064, 139.840



29, 27.194, 324.043

Rectangle

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



36, 27.064, 139.840



36, 27.064, 189.840



36, 27.064, 319.840



36, 27.064, 9.840

Sweetspot

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



36, 27.065, 139.840



49, 10.059, 141.649



38, 20.562, 102.733



25, 6.727, 141.608



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, 27.065, 139.840



46, 39.893, 139.073



36, 20.397, 156.019



18, 3.762, 141.844



40, 63.780, 135.395



82, 112.944, 135.738

Inverse Universe

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



29, 27.194, 324.043



35, 40.049, 324.426



29, 20.960, 342.637



17, 3.773, 322.630



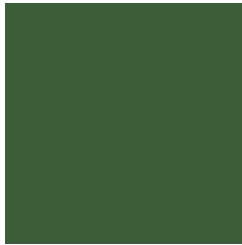
23, 62.352, 325.224



53, 109.949, 325.033

Previews

White Background



This preview shows how the CIELCh color 36, 27.064, 139.840 looks on a white background.

Color Contrast Check

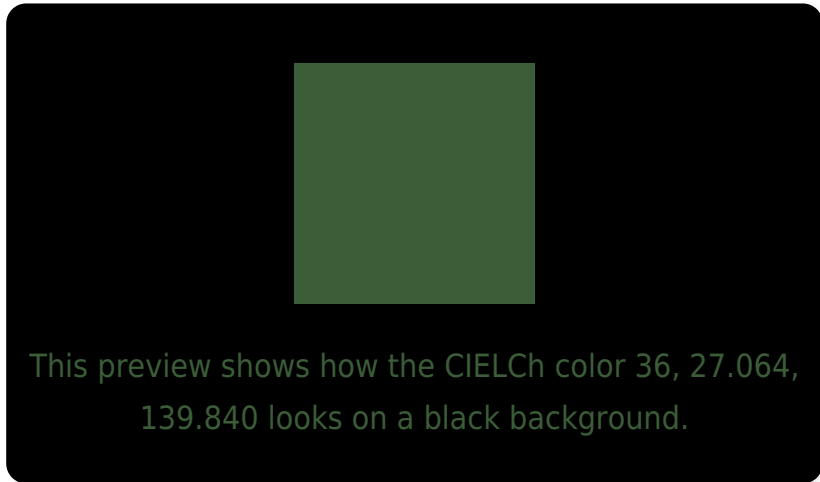
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.064, 139.840

Background



This preview shows how black text looks on a background with the CIELCh color 36, 27.064, 139.840.



This preview shows how white text looks on a background with the CIELCh color 36, 27.064, 139.840.

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

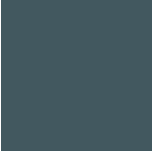
36, 27.064, 139.840

Protanopia

36, 19.398, 95.441

Deuteranopia

36, 16.826, 72.971



Tritanopia
36, 9.363, 226.285

Trichromacy



Original Color
36, 27.064, 139.840

Protanomaly
36, 20.362, 116.129

Deuteranomaly
36, 16.564, 105.738

Tritanomaly
36, 12.443, 170.988

Monochromacy



Original Color
36, 27.064, 139.840

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 9.723, 141.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 27.064, 139.840 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(59, 93, 56)` looks like.

```
.text, #text, p{  
    color:rgb(59, 93, 56)  
}
```

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(59, 93, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 93, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 27.064, 139.840 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(59, 93, 56) }
```

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

```
.border{ border-color:rgb(59, 93, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 93, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 93, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 93, 56);  
box-shadow:4px 4px 4px 4px rgb(59, 93, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 27.064, 139.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 93, 56) }
```

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

```
.background{ background-color: rgb(59, 93,  
56) }
```

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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