

Converting Colors

CIELCh(36, 11.125, 171.299)

Have a look what the booklet for
CIELCh(36, 11.125, 171.299)
contains.

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Color

CIELCh(36, 11.107, 171.325)

Conversions

Conversions Part 1

Format	Color
Hex	425A52
RGB	66, 90, 82
RGB Percent	26%, 35%, 32%
CMY	0.7424, 0.6483, 0.6797
CMYK	0.27, 0.00, 0.09, 0.65
HSL	160°, 15%, 30%
HSV	160°, 27%, 35%
XYZ	7.3643, 9.0082, 9.2687
YIQ	81.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

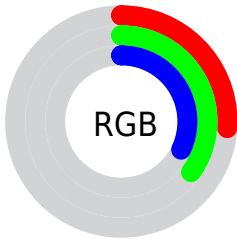
Format	Color
RYB	66, 80, 90
Decimal	4348498
CIELab	36.00, -10.98, 1.68
CIELCh	36, 11.107, 171.325
Yxy	9.0082, 0.2872, 0.3513
Android (android.graphics.Color)	4282538578 (0xFF425A52)
YUV	81.9120, 0.0434, -13.9548
Hunter-Lab	30.0136, -8.7259, 2.6997

Details

The CIELCh color **36, 11.107, 171.325** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 11.838, 356.259**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 10.977, 170.347**, and **16, 11.001, 170.518** is the 20% darker color. If you saturate the color by 10%, you get **35, 15.044, 170.286**, and if you desaturate by 10%, it is **37, 7.024, 172.286**.

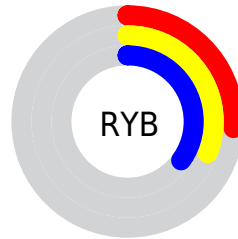
Distribution



Red (26%)

Green (35%)

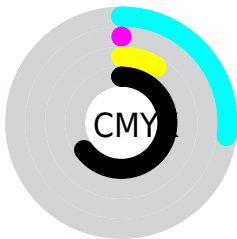
Blue (32%)



Red (26%)

Yellow (31%)

Blue (35%)

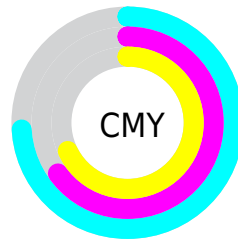


Cyan (27%)

Magenta (0%)

Yellow (9%)

Black (65%)



Cyan (74%)


Magenta (65%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 11.107, 171.325 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, 11.107, 171.325 by changing the saturation by 10% instead.


 36, 11.107,
171.325


 36, 11.107,
171.325

 100, 11.107,
171.325


 26, 11.107,
171.325

 56, 11.107,
171.325


 16, 11.107,
171.325


 66, 11.107,
171.325

 6, 11.107, 171.325

 76, 11.107,
171.325

 0, 11.107, 171.325

 86, 11.107,
171.325

 96, 11.107,
171.325

■ 36, 11.107,
171.325

■ 36, 11.107,
171.325

■ 35, 15.044,
170.286

■ 37, 7.024, 172.286

■ 35, 18.775,
169.156

■ 38, 2.847, 173.223

■ 38, 1.377, 353.768

■ 34, 22.238,
167.913

■ 39, 5.606, 354.688

■ 34, 25.379,
166.539

■ 40, 9.812, 355.444

■ 41, 13.969,
356.152

■ 34, 28.154,
165.012

■ 43, 18.061,
356.824

■ 33, 30.537,
163.317

■ 44, 22.075,
357.466

■ 33, 32.667,
161.581

■ 45, 26.003,
358.081

■ 33, 33.366,

Harmonies

Complementary

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



36, 11.107, 171.325



31, 11.838, 356.259

Rectangle

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



36, 11.107, 171.325



36, 11.107, 221.325



36, 11.107, 351.325



36, 11.107, 41.325

Sweetspot

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



36, 11.108, 171.322



49, 4.205, 173.077



36, 16.393, 133.545



24, 2.957, 172.976



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, 11.108, 171.322



46, 16.439, 170.679



35, 8.181, 216.286



18, 2.406, 173.021



41, 38.794, 160.464



84, 70.149, 158.930

Inverse Universe

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



31, 11.838, 356.259



38, 17.798, 357.022



32, 9.694, 35.794



17, 2.458, 354.392



22, 45.931, 15.142



50, 82.160, 19.034

Previews

White Background



This preview shows how the CIELCh color 36, 11.107, 171.325 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, 11.107, 171.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

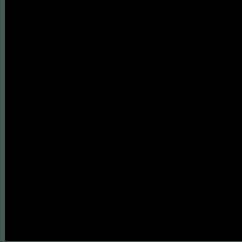
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

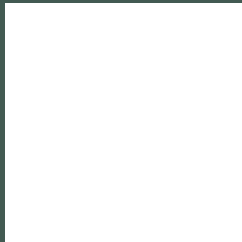
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 11.107, 171.325

Background



This preview shows how black text looks on a background with the CIELCh color 36, 11.107, 171.325.



This preview shows how white text looks on a background with the CIELCh color 36, 11.107, 171.325.

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](#).

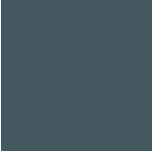
Dichromacy



Original Color
36, 11.107, 171.325

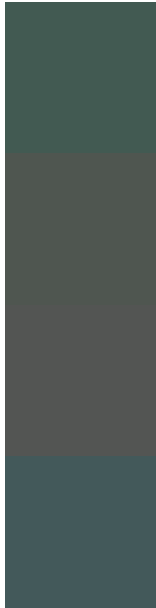
Protanopia
36, 3.355, 86.544

Deuteranopia
36, 4.840, 12.740



Tritanopia
36, 8.743, 228.515

Trichromacy



Original Color
36, 11.107, 171.325

Protanomaly
36, 4.811, 148.184

Deuteranomaly
36, 1.512, 144.415

Tritanomaly
36, 8.704, 202.395

Monochromacy



Original Color
36, 11.107, 171.325

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 4.264, 172.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 11.107, 171.325 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(66, 90, 82)` looks like.

```
.text, #text, p{  
    color:rgb(66, 90, 82)  
}
```

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(66, 90, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 90, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 11.107, 171.325 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(66, 90, 82) }
```

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

```
.border{ border-color:rgb(66, 90, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 90, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 90, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 90, 82);  
box-shadow:4px 4px 4px 4px rgb(66, 90, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 11.107, 171.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 90, 82) }
```

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

```
.background{ background-color: rgb(66, 90,  
82) }
```

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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