

Converting Colors

CIELCh(36, 17.755, 155.838)

Have a look what the booklet for
CIELCh(36, 17.755, 155.838)
contains.

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Color

CIELCh(36, 17.889, 156.076)

Conversions

Conversions Part 1

Format	Color
Hex	3C5C49
RGB	60, 92, 73
RGB Percent	24%, 36%, 29%
CMY	0.7662, 0.6408, 0.7153
CMYK	0.35, 0.00, 0.21, 0.64
HSL	144°, 21%, 30%
HSV	144°, 35%, 36%
XYZ	6.8214, 9.0082, 7.6149
YIQ	80.2660, -12.9730, -12.6930

Conversions

Conversions Part 2

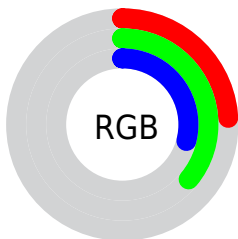
Format	Color
RYB	60, 83, 92
Decimal	3955785
CIELab	36.00, -16.35, 7.25
CIELCh	36, 17.889, 156.076
Yxy	9.0082, 0.2910, 0.3842
Android (android.graphics.Color)	4282145865 (0xFF3C5C49)
YUV	80.2660, -3.5821, -17.7733
Hunter-Lab	30.0136, -11.9546, 5.9668

Details


The CIELCh color **36, 17.889, 156.076** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 18.311, 341.644**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 17.311, 156.502**, and **16, 18.132, 155.255** is the 20% darker color. If you saturate the color by 10%, you get **35, 22.817, 155.008**, and if you desaturate by 10%, it is **37, 12.820, 157.023**.

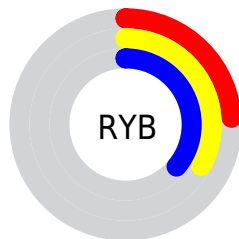
Distribution



 Red (24%)

 Green (36%)

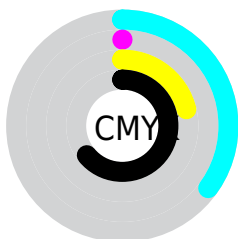
 Blue (29%)




 Red (24%)

 Yellow (33%)

 Blue (36%)

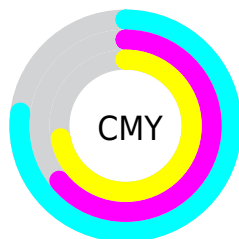


 Cyan (35%)


 Magenta (0%)

 Yellow (21%)

 Black (64%)



 Cyan (77%)


 Magenta (64%)


 Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 17.889, 156.076 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, 17.889, 156.076 by changing the saturation by 10% instead.


 36, 17.889,
156.076


 36, 17.889,
156.076

 100, 17.889,
156.076


 26, 17.889,
156.076

 56, 17.889,
156.076


 16, 17.889,
156.076


 66, 17.889,
156.076

 6, 17.889, 156.076

 76, 17.889,
156.076

 0, 17.889, 156.076

 86, 17.889,
156.076

 96, 17.889,
156.076

■ 36, 17.889,
156.076

■ 36, 17.889,
156.076

■ 35, 22.817,
155.008

■ 37, 12.820,
157.023

■ 35, 27.527,
153.802

■ 38, 7.678, 157.872

■ 38, 2.523, 158.679

■ 34, 31.940,
152.439

■ 39, 2.598, 339.189

■ 34, 35.985,
150.904

■ 40, 7.646, 339.855

■ 34, 39.609,
149.193

■ 42, 12.596,
340.425

■ 33, 42.850,
147.403

■ 43, 17.428,
340.943

■ 33, 44.457,
146.602

■ 44, 22.131,
341.419

■ 45, 26.699,

Harmonies

Complementary

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



36, 17.889, 156.076



29, 18.311, 341.644

Rectangle

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



36, 17.889, 156.076



36, 17.889, 206.076



36, 17.889, 336.076



36, 17.889, 26.076

Sweetspot

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



36, 17.890, 156.075



49, 6.414, 158.240



37, 20.269, 123.865



25, 4.412, 158.166



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, 17.890, 156.075



46, 26.666, 155.184



36, 12.623, 188.651



18, 2.883, 158.358



40, 51.031, 146.059



83, 92.980, 144.539

Inverse Universe

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



29, 18.311, 341.644



36, 27.385, 342.445



29, 15.100, 14.566



17, 2.906, 339.509



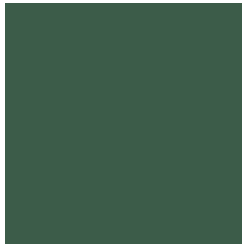
23, 47.195, 351.850



52, 82.266, 354.019

Previews

White Background



This preview shows how the CIELCh color 36, 17.889, 156.076 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, 17.889, 156.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

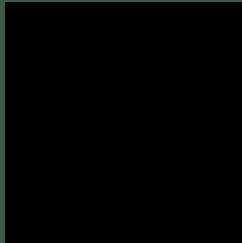
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 17.889, 156.076

Background



This preview shows how black text looks on a background with the CIELCh color 36, 17.889, 156.076.



This preview shows how white text looks on a background with the CIELCh color 36, 17.889, 156.076.

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, 17.889, 156.076

Protanopia

36, 9.547, 94.739

Deuteranopia

36, 7.770, 48.625



Tritanopia
36, 10.202, 227.737

Trichromacy



Original Color
36, 17.889, 156.076

Protanomaly
36, 11.248, 129.296

Deuteranomaly
36, 6.865, 116.464

Tritanomaly
36, 10.751, 191.285

Monochromacy



Original Color
36, 17.889, 156.076

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 6.474, 156.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 17.889, 156.076 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(60, 92, 73)` looks like.

```
.text, #text, p{  
    color:rgb(60, 92, 73)  
}
```

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(60, 92, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 92, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 17.889, 156.076 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(60, 92, 73) }
```

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

```
.border{ border-color:rgb(60, 92, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 92, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 92, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 92, 73);  
box-shadow:4px 4px 4px 4px rgb(60, 92, 73)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 17.889, 156.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 92, 73) }
```

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

```
.background{ background-color: rgb(60, 92,  
73) }
```

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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