

Converting Colors

CIELCh(30, 17.499, 147.178)

Have a look what the booklet for
CIELCh(30, 17.499, 147.178)
contains.

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Color

CIELCh(30, 17.665, 147.948)

Conversions

Conversions Part 1

Format	Color
Hex	334D38
RGB	51, 77, 56
RGB Percent	20%, 30%, 22%
CMY	0.8013, 0.6994, 0.7817
CMYK	0.34, 0.00, 0.27, 0.70
HSL	132°, 20%, 25%
HSV	132°, 34%, 30%
XYZ	4.6832, 6.2359, 4.6555
YIQ	66.8320, -8.7550, -12.0430

Conversions

Conversions Part 2

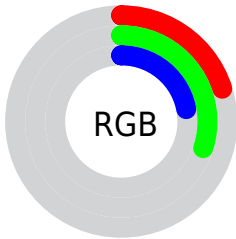
Format	Color
RYB	51, 73, 77
Decimal	3362104
CIELab	30.00, -14.97, 9.37
CIElCh	30, 17.665, 147.948
Yxy	6.2359, 0.3007, 0.4004
Android (android.graphics.Color)	4281552184 (0xFF334D38)
YUV	66.8320, -5.3402, -13.8847
Hunter-Lab	24.9718, -10.2249, 6.4268

Details

The CIELCh color **30, 17.665, 147.948** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25, 17.735, 332.219**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 17.643, 148.304**, and **10, 17.958, 147.439** is the 20% darker color. If you saturate the color by 10%, you get **29, 22.759, 147.029**, and if you desaturate by 10%, it is **31, 12.466, 148.753**.

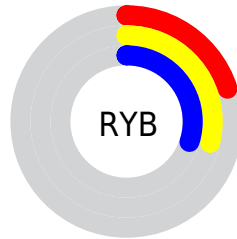
Distribution



Red (20%)

Green (30%)

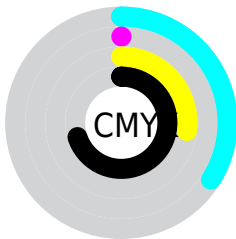
Blue (22%)



Red (20%)

Yellow (29%)

Blue (30%)

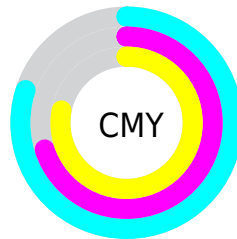


Cyan (34%)

Magenta (0%)

Yellow (27%)

Black (70%)



Cyan (80%)


Magenta (70%)

Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 17.665, 147.948 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 30, 17.665, 147.948 by changing the saturation by 10% instead.


 30, 17.665,
147.948


 30, 17.665,
147.948

 100, 17.665,
147.948


 20, 17.665,
147.948


 50, 17.665,
147.948


 10, 17.665,
147.948

 60, 17.665,
147.948

 0, 17.665, 147.948

 70, 17.665,
147.948

 80, 17.665,
147.948

 90, 17.665,
147.948

■ 30, 17.665,
147.948

■ 30, 17.665,
147.948

■ 29, 22.759,
147.029

■ 31, 12.466,
148.753

■ 29, 27.664,
145.986

■ 31, 7.231, 149.462

■ 28, 32.288,
144.811

■ 32, 2.017, 150.130

■ 28, 36.535,
143.509

■ 33, 3.133, 330.540

■ 28, 40.309,
142.102

■ 35, 13.120,
331.467

■ 28, 43.604,
140.757

■ 36, 17.921,
331.841

■ 28, 45.460,
140.155

■ 37, 22.581,
332.174

■ 39, 27.098,

Harmonies

Complementary

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



30, 17.665, 147.948



25, 17.735, 332.219

Rectangle

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



30, 17.665, 147.948



30, 17.665, 197.948



30, 17.665, 327.948



30, 17.665, 17.948

Sweetspot

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



30, 17.666, 147.948



41, 6.439, 149.696



32, 16.382, 115.197



21, 4.431, 149.646



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30, 17.666, 147.948



38, 26.392, 147.165



30, 12.108, 171.789



15, 2.889, 149.807



37, 56.367, 139.394



80, 104.969, 138.185

Inverse Universe

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



25, 17.735, 332.219



31, 26.465, 332.748



24, 13.182, 358.183



14, 2.898, 330.717



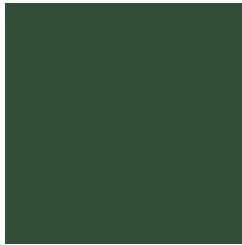
22, 51.176, 337.090



52, 91.705, 337.871

Previews

White Background



This preview shows how the CIELCh color 30, 17.665, 147.948 looks on a white background.

Color Contrast Check

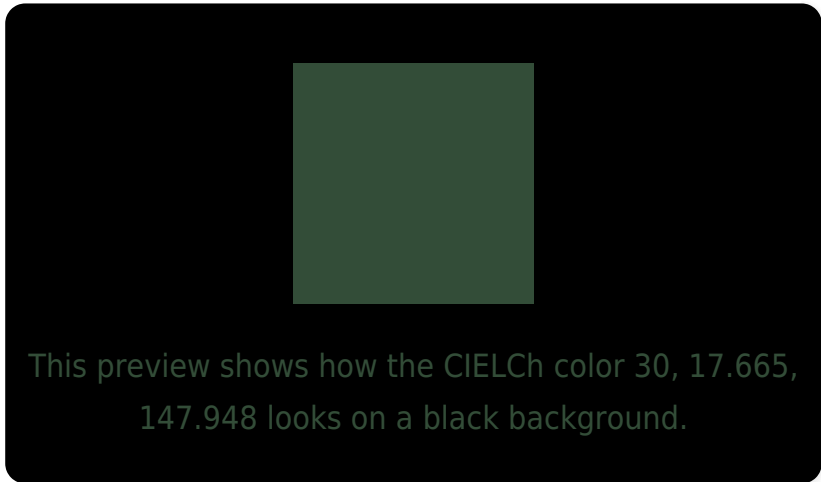
Large Text (above 18pt) WCAG AA ✓ Pass

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

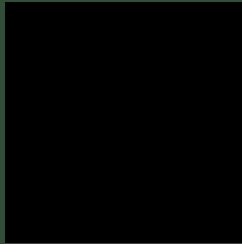
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 17.665, 147.948

Background



This preview shows how black text looks on a background with the CIELCh color 30, 17.665, 147.948.



This preview shows how white text looks on a background with the CIELCh color 30, 17.665, 147.948.

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

30, 17.665, 147.948

Protanopia

30, 11.083, 95.578

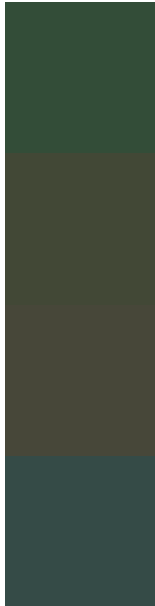
Deuteranopia

30, 9.298, 63.065



Tritanopia
30, 8.107, 221.788

Trichromacy



Original Color
30, 17.665, 147.948

Protanomaly
30, 11.776, 121.823

Deuteranomaly
30, 8.904, 108.482

Tritanomaly
30, 9.515, 182.283

Monochromacy



Original Color
30, 17.665, 147.948

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 6.852, 149.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 17.665, 147.948 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(51, 77, 56)` looks like.

```
.text, #text, p{  
    color:rgb(51, 77, 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(51, 77, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 77, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 17.665, 147.948 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(51, 77, 56) }
```

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

```
.border{ border-color:rgb(51, 77, 56) }
```

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

Here you see how a box with a 4 pixel rgb(51, 77, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 77, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 77, 56);  
box-shadow:4px 4px 4px 4px rgb(51, 77, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 17.665, 147.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 77, 56) }
```

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

```
.background{ background-color: rgb(51, 77,  
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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