

Converting Colors

CIELCh(17, 17.517, 282.455)

Have a look what the booklet for
CIELCh(17, 17.517, 282.455)
contains.

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Color

CIELCh(17, 17.597, 282.806)

Conversions

Conversions Part 1

Format	Color
Hex	1F2942
RGB	31, 41, 66
RGB Percent	12%, 16%, 26%
CMY	0.8771, 0.8380, 0.7398
CMYK	0.53, 0.38, 0.00, 0.74
HSL	223°, 36%, 19%
HSV	223°, 53%, 26%
XYZ	2.3733, 2.3023, 5.5277
YIQ	40.8600, -13.9850, 5.6550

Conversions

Conversions Part 2

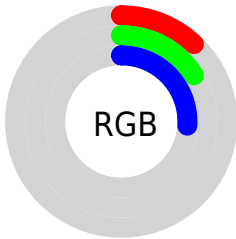
Format	Color
R _Y B	31, 39, 66
Decimal	2042178
CIE Lab	17.00, 3.90, -17.16
CIE LCh	17, 17.597, 282.806
Yxy	2.3023, 0.2326, 0.2256
Android (android.graphics.Color)	4280232258 (0xFF1F2942)
YUV	40.8600, 12.3940, -8.6472
Hunter-Lab	15.1734, 1.3659, -10.9782

Details

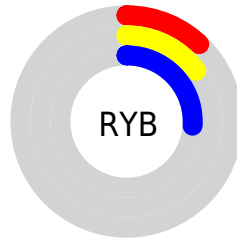
The CIELCh color **17, 17.597, 282.806** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **24, 17.200, 88.850**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 17.516, 282.207**, and **1, 10.980, 288.731** is the 20% darker color. If you saturate the color by 10%, you get **15, 21.168, 285.062**, and if you desaturate by 10%, it is **19, 14.112, 280.821**.

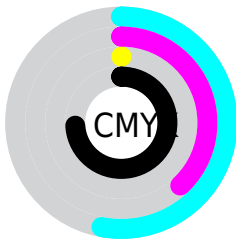
Distribution



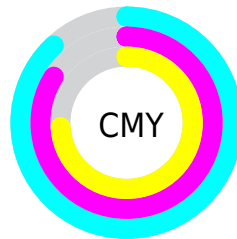
- Red (12%)
- Green (16%)
- Blue (26%)



- Red (12%)
- Yellow (15%)
- Blue (26%)



- Cyan (53%)
- Magenta (38%)
- Yellow (0%)
- Black (74%)



- Cyan (88%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 17.597, 282.806 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 17, 17.597, 282.806 by changing the saturation by 10% instead.

■ 17, 17.597,
282.806

■ 17, 17.597,
282.806

■ 100, 17.597,
282.806

■ 7, 17.597, 282.806

■ 37, 17.597,
282.806

■ 0, 17.597, 282.806

■ 47, 17.597,
282.806


■ 57, 17.597,
282.806

■ 67, 17.597,
282.806

■ 77, 17.597,
282.806


■ 87, 17.597,


282.806


 97, 17.597,
282.806


 17, 17.597,
282.806

 17, 17.597,
282.806

 15, 21.168,
285.062

 19, 14.112,
280.821

 13, 24.835,
287.591

 21, 10.704,
279.086

 11, 28.602,
290.366

 23, 7.365, 277.577

 9, 32.467, 293.088

 25, 4.092, 276.267

 8, 35.326, 294.724

 28, 0.879, 275.198

 30, 2.274, 94.035

■ 32, 5.370, 93.167

■ 34, 8.409, 92.384

■ 36, 11.393, 91.683

Harmonies

Complementary

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



17, 17.597, 282.806



24, 17.200, 88.850

Rectangle

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



17, 17.597, 282.806



17, 17.597, 332.806



17, 17.597, 102.806



17, 17.597, 152.806

Sweetspot

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



17, 17.597, 282.806



33, 6.432, 276.758



25, 15.919, 171.022



15, 4.277, 276.850



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



17, 17.597, 282.806



20, 26.634, 285.776



14, 24.961, 302.311



12, 1.777, 275.770



14, 48.559, 296.896



36, 96.728, 299.491

Inverse Universe

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



17, 18.234, 3.073



21, 27.097, 5.599



27, 22.280, 114.875



12, 1.814, 357.635



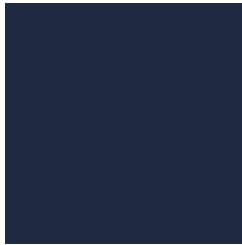
18, 42.634, 18.544



47, 80.591, 23.248

Previews

White Background



This preview shows how the CIELCh color 17, 17.597, 282.806 looks on a white background.

Color Contrast Check

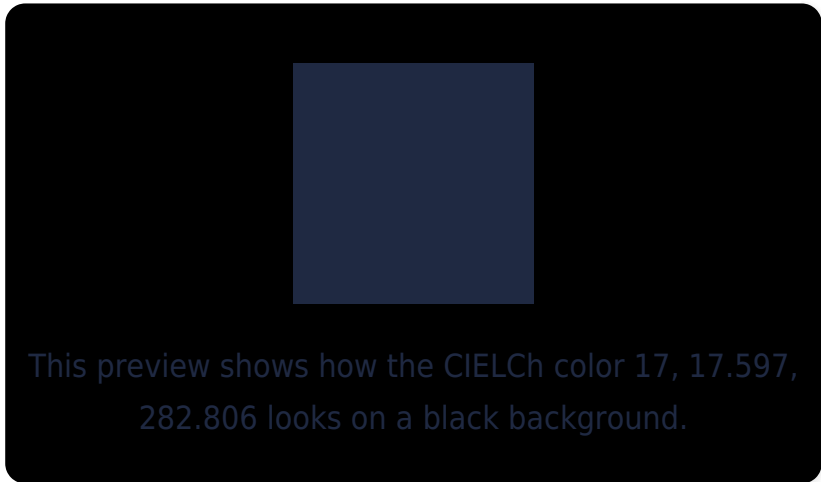
Large Text (above 18pt) WCAG AA ✓ Pass

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

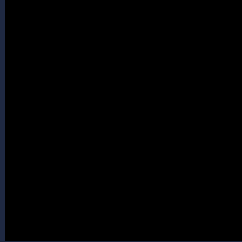
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 17.597, 282.806

Background



This preview shows how black text looks on a background with the CIELCh color 17, 17.597, 282.806.



This preview shows how white text looks on a background with the CIELCh color 17, 17.597, 282.806.

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

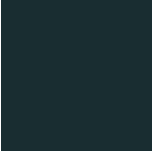
17, 17.597, 282.806

Protanopia

17, 17.500, 284.946

Deuteranopia

17, 17.067, 278.726



Tritanopia
17, 8.478, 217.198

Trichromacy



Original Color
17, 17.597, 282.806

Protanomaly
17, 17.546, 283.863

Deuteranomaly
17, 17.000, 279.761

Tritanomaly
17, 9.866, 249.845

Monochromacy



Original Color
17, 17.597, 282.806

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 6.472, 276.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 17.597, 282.806 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(31, 41, 66)` looks like.

```
.text, #text, p{  
    color:rgb(31, 41, 66)  
}
```

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(31, 41, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 41, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 17.597, 282.806 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(31, 41, 66) }
```

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

```
.border{ border-color:rgb(31, 41, 66) }
```

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

Here you see how a box with a 4 pixel rgb(31, 41, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 41, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 41, 66);  
box-shadow:4px 4px 4px 4px rgb(31, 41, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 17.597, 282.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 41, 66) }
```

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

```
.background{ background-color: rgb(31, 41,  
66) }
```

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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