

Converting Colors

CIELCh(17, 21.607, 286.479)

Have a look what the booklet for
CIELCh(17, 21.607, 286.479)
contains.

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Color

CIELCh(17, 21.607, 286.479)

Conversions

Conversions Part 1

Format	Color
Hex	1F2948
RGB	31, 41, 72
RGB Percent	12%, 16%, 28%
CMY	0.8803, 0.8409, 0.7195
CMYK	0.57, 0.43, 0.00, 0.72
HSL	225°, 40%, 20%
HSV	225°, 57%, 28%
XYZ	2.4835, 2.3023, 6.3639
YIQ	41.5440, -15.9110, 7.5210

Conversions

Conversions Part 2

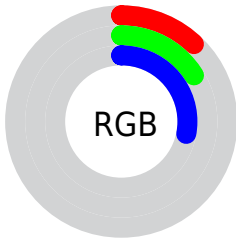
Format	Color
R_{YB}	31, 39, 72
Decimal	2042184
CIE Lab	17.00, 6.13, -20.72
CIE LCh	17, 21.607, 286.479
Yxy	2.3023, 0.2227, 0.2065
Android (android.graphics.Color)	4280232264 (0xFF1F2948)
YUV	41.5440, 15.0148, -9.2471
Hunter-Lab	15.1734, 2.6628, -14.2455

Details

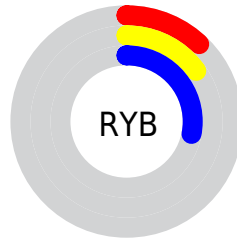
The CIELCh color **17, 21.607, 286.479** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **26, 20.517, 91.184**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 21.700, 286.142**, and **1, 14.532, 288.124** is the 20% darker color. If you saturate the color by 10%, you get **15, 25.726, 288.839**, and if you desaturate by 10%, it is **19, 17.605, 284.388**.

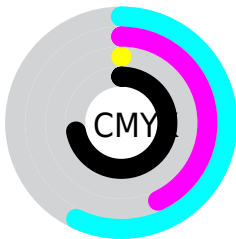
Distribution



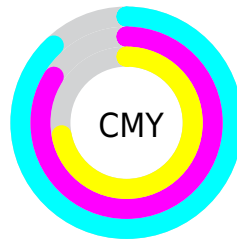
- Red (12%)
- Green (16%)
- Blue (28%)



- Red (12%)
- Yellow (15%)
- Blue (28%)



- Cyan (57%)
- Magenta (43%)
- Yellow (0%)
- Black (72%)



- Cyan (88%)
- Magenta (84%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 21.607, 286.479 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, 21.607, 286.479 by changing the saturation by 10% instead.

■ 17, 21.607,
286.479

■ 17, 21.607,
286.479

■ 100, 21.607,
286.479

■ 7, 21.607, 286.479

■ 37, 21.607,
286.479

■ 0, 21.607, 286.479

■ 47, 21.607,
286.479

■ 57, 21.607,
286.479

■ 67, 21.607,
286.479

■ 77, 21.607,
286.479

■ 87, 21.607,

286.479

97, 21.607,
286.479

17, 21.607,
286.479

17, 21.607,
286.479

15, 25.726,
288.839

19, 17.605,
284.388

13, 29.965,
291.448

22, 13.714,
282.555

10, 34.299,
294.238

24, 9.921, 280.959

8, 38.701, 296.707

26, 6.219, 279.574

8, 39.886, 297.279

29, 2.602, 278.382

31, 0.936, 97.195

■ 33, 4.397, 96.340

■ 36, 7.785, 95.530

■ 38, 11.101, 94.808

Harmonies

Complementary

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



17, 21.607, 286.479



26, 20.517, 91.184

Rectangle

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



17, 21.607, 286.479



17, 21.607, 336.479



17, 21.607, 106.479



17, 21.607, 156.479

Sweetspot

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



17, 21.607, 286.480



34, 7.510, 279.615



27, 17.423, 174.119



16, 4.954, 279.704



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



17, 21.607, 286.480



19, 32.627, 289.925



15, 29.112, 304.275



13, 1.979, 278.521



13, 52.498, 298.928



35, 102.919, 301.198

Inverse Universe

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



18, 20.973, 7.032



21, 30.849, 10.342



29, 25.781, 116.807



13, 1.898, 0.518



19, 44.214, 22.175



48, 83.223, 26.709

Previews

White Background



This preview shows how the CIE LCh color 17, 21.607, 286.479 looks on a white background.

Color Contrast Check

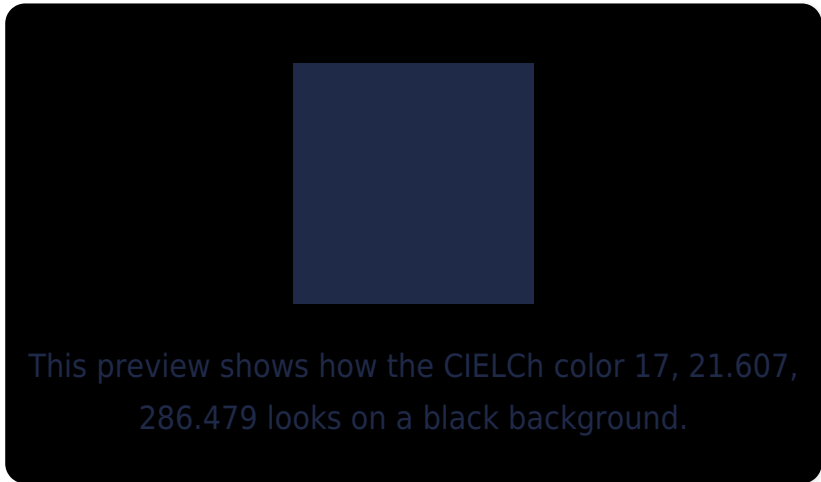
Large Text (above 18pt) WCAG AA ✓ Pass

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

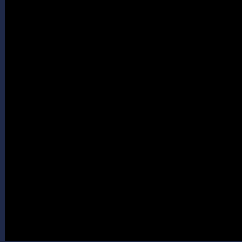
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 21.607, 286.479

Background



This preview shows how black text looks on a background with the CIELCh color 17, 21.607, 286.479.



This preview shows how white text looks on a background with the CIELCh color 17, 21.607, 286.479.

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

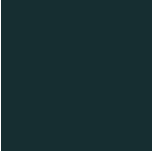
17, 21.607, 286.479

Protanopia

17, 21.729, 284.179

Deuteranopia

17, 20.792, 276.928



Tritanopia
17, 9.654, 210.156

Trichromacy



Original Color
17, 21.607, 286.479

Protanomaly
17, 21.686, 284.927

Deuteranomaly
17, 21.266, 280.639

Tritanomaly
17, 11.213, 252.835

Monochromacy



Original Color
17, 21.607, 286.479

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 7.814, 279.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 21.607, 286.479 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(31, 41, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 41, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 21.607, 286.479 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, 72) }
```

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

```
.border{ border-color:rgb(31, 41, 72) }
```

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, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 41, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 41, 72);  
box-shadow:4px 4px 4px 4px rgb(31, 41, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 21.607, 286.479 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, 72) }
```

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

```
.background{ background-color: rgb(31, 41,  
72) }
```

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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