

Converting Colors

CIELCh(30, 21.073, 173.046)

Have a look what the booklet for
CIELCh(30, 21.073, 173.046)
contains.

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Color

CIELCh(30, 21.040, 172.966)

Conversions

Conversions Part 1

Format	Color
Hex	1B4F42
RGB	27, 79, 66
RGB Percent	11%, 31%, 26%
CMY	0.8937, 0.6898, 0.7408
CMYK	0.66, 0.00, 0.16, 0.69
HSL	165°, 49%, 21%
HSV	165°, 66%, 31%
XYZ	4.2447, 6.2359, 6.1494
YIQ	61.9700, -26.8190, -15.0670

Conversions

Conversions Part 2

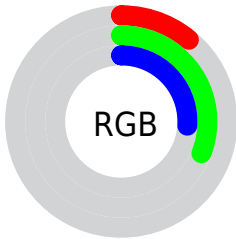
Format	Color
RYB	27, 57, 79
Decimal	1789762
CIELab	30.00, -20.88, 2.58
CIELCh	30, 21.040, 172.966
Yxy	6.2359, 0.2552, 0.3750
Android (android.graphics.Color)	4279979842 (0xFF1B4F42)
YUV	61.9700, 1.9868, -30.6687
Hunter-Lab	24.9718, -13.3593, 2.8799

Details

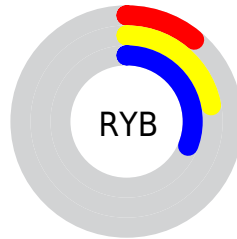
The CIELCh color **30, 21.040, 172.966** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **18, 26.091, 8.717**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 21.302, 172.803**, and **11, 16.399, 166.208** is the 20% darker color. If you saturate the color by 10%, you get **30, 23.289, 171.620**, and if you desaturate by 10%, it is **30, 18.459, 174.189**.

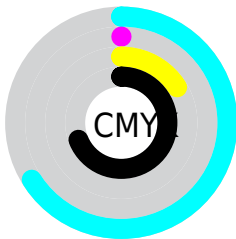
Distribution



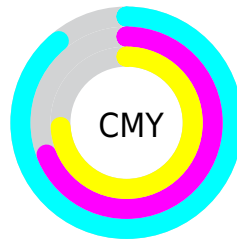
- Red (11%)
- Green (31%)
- Blue (26%)



- Red (11%)
- Yellow (22%)
- Blue (31%)



- Cyan (66%)
- Magenta (0%)
- Yellow (16%)
- Black (69%)





- Cyan (89%)
- Magenta (69%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 21.040, 172.966 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, 21.040, 172.966 by changing the saturation by 10% instead.

 30, 21.040,
172.966


 30, 21.040,
172.966

 100, 21.040,
172.966


 20, 21.040,
172.966


 50, 21.040,
172.966


 10, 21.040,
172.966

 60, 21.040,
172.966

 0, 21.040, 172.966

 70, 21.040,
172.966

 80, 21.040,
172.966

 90, 21.040,
172.966

■ 30, 21.040,
172.966

■ 30, 21.040,
172.966

■ 30, 23.289,
171.620

■ 30, 18.459,
174.189

■ 29, 25.185,
170.137

■ 31, 15.582,
175.310

■ 29, 26.868,
168.631

■ 31, 12.455,
176.346

■ 29, 27.601,
168.046

■ 32, 9.130, 177.314

■ 33, 5.655, 178.231

■ 33, 2.076, 179.159

■ 34, 1.566, 359.683

■ 35, 5.235, 0.569

■ 36, 8.905, 1.330

Harmonies

Complementary

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



30, 21.040, 172.966



18, 26.091, 8.717

Rectangle

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



30, 21.040, 172.966



30, 21.040, 222.966



30, 21.040, 352.966



30, 21.040, 42.966

Sweetspot

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



30, 21.040, 172.965



41, 8.823, 177.779



30, 35.879, 133.609



20, 5.932, 177.645



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, 21.040, 172.965



38, 29.184, 170.742



26, 15.096, 229.704



16, 2.076, 178.863



39, 33.861, 167.233



82, 62.022, 165.738

Inverse Universe

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



18, 26.091, 8.717



22, 37.747, 13.415



21, 23.745, 43.147



15, 2.133, 0.177



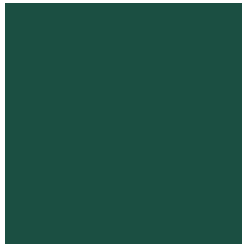
20, 45.785, 22.128



49, 84.412, 26.366

Previews

White Background



This preview shows how the CIELCh color 30, 21.040, 172.966 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 CIE LCh color 30, 21.040, 172.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

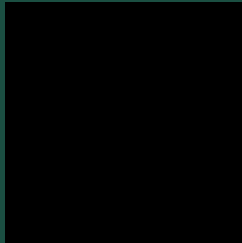
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 21.040, 172.966

Background



This preview shows how black text looks on a background with the CIELCh color 30, 21.040, 172.966.



This preview shows how white text looks on a background with the CIELCh color 30, 21.040, 172.966.

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, 21.040, 172.966

Protanopia

30, 6.030, 91.156

Deuteranopia

30, 4.526, 20.101



Tritanopia
30, 15.223, 212.137

Trichromacy



Original Color
30, 21.040, 172.966

Protanomaly
29, 9.573, 155.937

Deuteranomaly
29, 6.529, 168.913

Tritanomaly
30, 16.656, 194.775

Monochromacy



Original Color
30, 21.040, 172.966

Achromatopsia
26, 0.004, 296.813

Achromatomaly
27, 8.795, 176.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 21.040, 172.966 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(27, 79, 66)` looks like.

```
.text, #text, p{  
    color:rgb(27, 79, 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(27, 79, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 79, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 21.040, 172.966 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(27, 79, 66) }
```

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

```
.border{ border-color:rgb(27, 79, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 79, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 79, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 79, 66);  
box-shadow:4px 4px 4px 4px rgb(27, 79, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 21.040, 172.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 79, 66) }
```

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

```
.background{ background-color: rgb(27, 79,  
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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