

Converting Colors

CIELCh(30, 27.494, 274.018)

Have a look what the booklet for
CIELCh(30, 27.494, 274.018)
contains.

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Color

CIELCh(30, 27.379, 273.869)

Conversions

Conversions Part 1

Format	Color
Hex	264871
RGB	38, 72, 113
RGB Percent	15%, 28%, 44%
CMY	0.8511, 0.7177, 0.5569
CMYK	0.66, 0.36, 0.00, 0.56
HSL	213°, 50%, 30%
HSV	213°, 66%, 44%
XYZ	6.0943, 6.2359, 16.4995
YIQ	66.5080, -33.4250, 5.5430

Conversions

Conversions Part 2

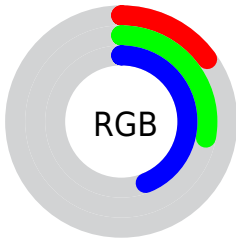
Format	Color
R_{YB}	38, 61, 113
Decimal	2508913
CIE Lab	30.00, 1.85, -27.32
CIE LCh	30, 27.379, 273.869
Yxy	6.2359, 0.2114, 0.2163
Android (android.graphics.Color)	4280698993 (0xFF264871)
YUV	66.5080, 22.9206, -25.0015
Hunter-Lab	24.9718, -0.1385, -21.6942

Details

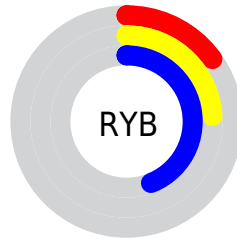
The CIELCh color **30, 27.379, 273.869** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **36, 30.939, 71.862**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 27.431, 274.041**, and **11, 26.572, 283.083** is the 20% darker color. If you saturate the color by 10%, you get **28, 31.473, 277.289**, and if you desaturate by 10%, it is **33, 23.303, 270.859**.

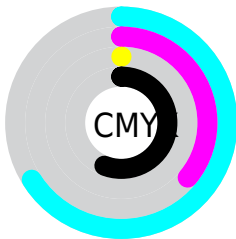
Distribution



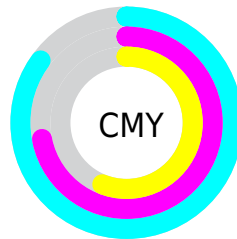
- Red (15%)
- Green (28%)
- Blue (44%)



- Red (15%)
- Yellow (24%)
- Blue (44%)



- Cyan (66%)
- Magenta (36%)
- Yellow (0%)
- Black (56%)



- Cyan (85%)
- Magenta (72%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 27.379, 273.869 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, 27.379, 273.869 by changing the saturation by 10% instead.

■ 30, 27.379,
273.869

■ 30, 27.379,
273.869

■ 100, 27.379,
273.869

■ 20, 27.379,
273.869

■ 50, 27.379,
273.869

■ 10, 27.379,
273.869

■ 60, 27.379,
273.869

■ 0, 27.379, 273.869

■ 70, 27.379,
273.869

■ 80, 27.379,
273.869

■ 90, 27.379,
273.869

■ 30, 27.379,
273.869

■ 30, 27.379,
273.869

■ 28, 31.473,
277.289

■ 33, 23.303,
270.859

■ 25, 35.626,
281.070

■ 35, 19.219,
268.254

■ 23, 39.892,
284.982

■ 38, 15.113,
266.022

■ 22, 41.484,
286.264

■ 40, 10.981,
264.120

■ 43, 6.829, 262.503

■ 46, 2.665, 261.160

■ 49, 1.502, 79.735

■ 51, 5.661, 78.806

■ 54, 9.804, 77.921

Harmonies

Complementary

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



30, 27.379, 273.869



36, 30.939, 71.862

Rectangle

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



30, 27.379, 273.869



30, 27.379, 323.869



30, 27.379, 93.869



30, 27.379, 143.869

Sweetspot

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



30, 27.378, 273.870



54, 10.390, 263.142



42, 34.428, 158.155



27, 7.041, 263.490



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



30, 27.378, 273.870



35, 41.116, 279.428



20, 50.168, 300.885



22, 2.333, 261.480



24, 43.554, 286.566



50, 78.824, 289.135

Inverse Universe

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



28, 36.698, 354.426



34, 51.614, 358.277



46, 41.467, 106.058



22, 3.130, 346.928



24, 48.342, 4.538



53, 82.507, 7.448

Previews

White Background



This preview shows how the CIE LCh color 30, 27.379, 273.869 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, 27.379, 273.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

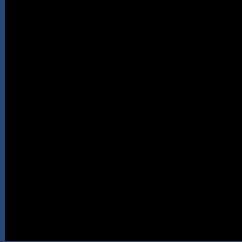
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 27.379, 273.869

Background



This preview shows how black text looks on a background with the CIELCh color 30, 27.379, 273.869.



This preview shows how white text looks on a background with the CIELCh color 30, 27.379, 273.869.

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, 27.379, 273.869

Protanopia

30, 26.425, 284.970

Deuteranopia

30, 27.521, 278.414



Tritanopia
30, 18.236, 209.261

Trichromacy



Original Color
30, 27.379, 273.869

Protanomaly
30, 26.700, 280.655

Deuteranomaly
30, 27.694, 276.955

Tritanomaly
30, 18.621, 239.036

Monochromacy



Original Color
30, 27.379, 273.869

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 10.592, 265.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 27.379, 273.869 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(38, 72, 113)` looks like.

```
.text, #text, p{  
    color:rgb(38, 72, 113)  
}
```

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(38, 72, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 72, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 27.379, 273.869 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(38, 72, 113) }
```

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

```
.border{ border-color:rgb(38, 72, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 72, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 72, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 72, 113);  
box-shadow:4px 4px 4px 4px rgb(38, 72,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 27.379, 273.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 72, 113) }
```

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

```
.background{ background-color: rgb(38, 72,  
113) }
```

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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