

Converting Colors

CIELCh(26, 31.197, 283.343)

Have a look what the booklet for
CIELCh(26, 31.197, 283.343)
contains.

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Color

CIELCh(26, 31.066, 282.972)

Conversions

Conversions Part 1

Format	Color
Hex	243D6C
RGB	36, 61, 108
RGB Percent	14%, 24%, 42%
CMY	0.8604, 0.7620, 0.5779
CMYK	0.67, 0.44, 0.00, 0.58
HSL	219°, 50%, 28%
HSV	219°, 67%, 42%
XYZ	5.0531, 4.7465, 14.7372
YIQ	58.8830, -29.9870, 9.3170

Conversions

Conversions Part 2

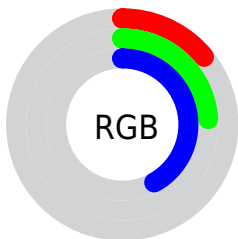
Format	Color
R _Y B	36, 55, 108
Decimal	2375020
CIE Lab	26.00, 6.97, -30.27
CIE LCh	26, 31.066, 282.972
Yxy	4.7465, 0.2059, 0.1934
Android (android.graphics.Color)	4280565100 (0xFF243D6C)
YUV	58.8830, 24.2147, -20.0684
Hunter-Lab	21.7865, 3.2745, -24.8556

Details

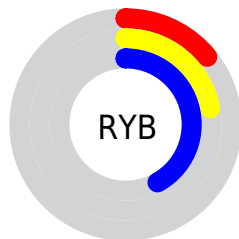
The CIELCh color **26, 31.066, 282.972** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **37, 31.244, 81.307**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 31.175, 283.262**, and **7, 30.797, 291.931** is the 20% darker color. If you saturate the color by 10%, you get **23, 36.049, 286.106**, and if you desaturate by 10%, it is **29, 26.202, 280.167**.

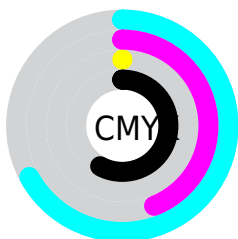
Distribution



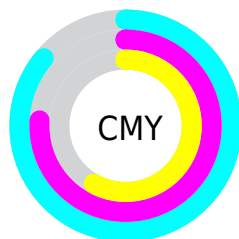
- Red (14%)
- Green (24%)
- Blue (42%)



- Red (14%)
- Yellow (22%)
- Blue (42%)



- Cyan (67%)
- Magenta (44%)
- Yellow (0%)
- Black (58%)



- Cyan (86%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 31.066, 282.972 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 26, 31.066, 282.972 by changing the saturation by 10% instead.

■ 26, 31.066,
282.972

■ 26, 31.066,
282.972

■ 100, 31.066,
282.972

■ 16, 31.066,
282.972

■ 46, 31.066,
282.972

■ 6, 31.066, 282.972

■ 56, 31.066,
282.972

■ 0, 31.066, 282.972

■ 66, 31.066,
282.972

■ 76, 31.066,
282.972

■ 86, 31.066,
282.972

■ 96, 31.066,

282.972

■ 26, 31.066,
282.972

■ 26, 31.066,
282.972

■ 23, 36.049,
286.106

■ 29, 26.202,
280.167

■ 21, 41.161,
289.500

■ 32, 21.437,
277.706

■ 18, 46.389,
292.881

■ 35, 16.752,
275.572

■ 18, 48.021,
293.807

■ 38, 12.135,
273.733

■ 40, 7.580, 272.153

■ 43, 3.084, 270.814

■ 46, 1.352, 89.456

■ 49, 5.728, 88.511

■ 52, 10.041, 87.617

Harmonies

Complementary

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



26, 31.066, 282.972



37, 31.244, 81.307

Rectangle

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



26, 31.066, 282.972



26, 31.066, 332.972



26, 31.066, 102.972



26, 31.066, 152.972

Sweetspot

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



26, 31.066, 282.973



51, 11.155, 272.698



41, 29.882, 165.154



25, 7.680, 273.032



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



26, 31.066, 282.973



30, 46.834, 287.872



20, 48.398, 303.284



21, 2.494, 271.065



19, 51.573, 294.192



43, 94.338, 296.414

Inverse Universe

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



26, 34.457, 2.167



31, 48.722, 6.688



43, 40.493, 111.710



21, 2.824, 353.433



24, 48.062, 14.225



52, 83.690, 17.733

Previews

White Background



This preview shows how the CIE LCh color 26, 31.066, 282.972 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 26, 31.066, 282.972 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 26, 31.066, 282.972

Background



This preview shows how black text looks on a background with the CIELCh color 26, 31.066, 282.972.



This preview shows how white text looks on a background with the CIELCh color 26, 31.066, 282.972.

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

26, 31.066, 282.972

Protanopia

26, 30.945, 285.233

Deuteranopia

26, 30.342, 277.115



Tritanopia
26, 17.496, 210.003

Trichromacy



Original Color
26, 31.066, 282.972

Protanomaly
26, 31.019, 284.366

Deuteranomaly
26, 30.173, 278.380

Tritanomaly
26, 18.626, 246.293

Monochromacy



Original Color
26, 31.066, 282.972

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 11.709, 273.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 31.066, 282.972 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(36, 61, 108)` looks like.

```
.text, #text, p{  
    color:rgb(36, 61, 108)  
}
```

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(36, 61, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 61, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 31.066, 282.972 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(36, 61, 108) }
```

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

```
.border{ border-color:rgb(36, 61, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 61, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 61, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 61, 108);  
box-shadow:4px 4px 4px 4px rgb(36, 61,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 31.066, 282.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 61, 108) }
```

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

```
.background{ background-color: rgb(36, 61,  
108) }
```

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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