

Converting Colors

CIELCh(26, 27.679, 269.085)

Have a look what the booklet for
CIELCh(26, 27.679, 269.085)
contains.

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Color

CIELCh(26, 27.966, 269.495)

Conversions

Conversions Part 1

Format	Color
Hex	0D4068
RGB	13, 64, 104
RGB Percent	5%, 25%, 41%
CMY	0.9493, 0.7492, 0.5923
CMYK	0.88, 0.38, 0.00, 0.59
HSL	206°, 78%, 23%
HSV	206°, 88%, 41%
XYZ	4.4930, 4.7465, 13.7656
YIQ	53.3110, -43.2360, 1.6280

Conversions

Conversions Part 2

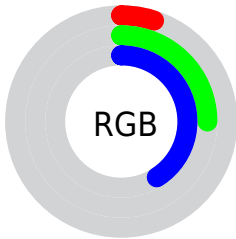
Format	Color
RYB	13, 46, 104
Decimal	868456
CIELab	26.00, -0.25, -27.96
CIElCh	26, 27.966, 269.495
Yxy	4.7465, 0.1953, 0.2063
Android (android.graphics.Color)	4279058536 (0xFF0D4068)
YUV	53.3110, 24.9897, -35.3527
Hunter-Lab	21.7865, -1.3144, -22.2113

Details

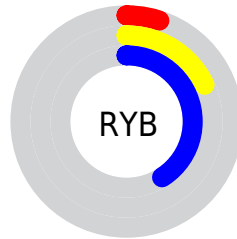
The CIELCh color **26, 27.966, 269.495** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **28, 38.698, 59.244**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 27.874, 269.823**, and **8, 25.718, 286.173** is the 20% darker color. If you saturate the color by 10%, you get **24, 30.793, 273.648**, and if you desaturate by 10%, it is **28, 25.177, 265.471**.

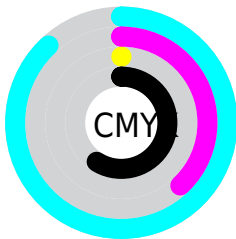
Distribution



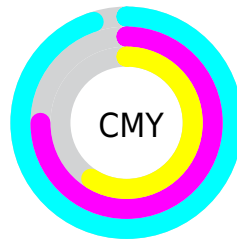
- Red (5%)
- Green (25%)
- Blue (41%)



- Red (5%)
- Yellow (18%)
- Blue (41%)



- Cyan (88%)
- Magenta (38%)
- Yellow (0%)
- Black (59%)



- Cyan (95%)
- Magenta (75%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 27.966, 269.495 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, 27.966, 269.495 by changing the saturation by 10% instead.

■ 26, 27.966,
269.495

■ 26, 27.966,
269.495

■ 100, 27.966,
269.495

■ 16, 27.966,
269.495

■ 46, 27.966,
269.495

■ 6, 27.966, 269.495

■ 56, 27.966,
269.495

■ 0, 27.966, 269.495

■ 66, 27.966,
269.495

■ 76, 27.966,
269.495

■ 86, 27.966,
269.495

■ 96, 27.966,

269.495

■ 26, 27.966,
269.495

■ 26, 27.966,
269.495

■ 24, 30.793,
273.648

■ 28, 25.177,
265.471

■ 24, 31.512,
274.572

■ 30, 22.321,
261.923

■ 32, 19.357,
258.867

■ 34, 16.263,
256.274

■ 36, 13.040,
254.095

■ 38, 9.696, 252.272

■ 40, 6.248, 250.752

■ 42, 2.717, 249.515

■ 45, 0.880, 68.037

Harmonies

Complementary

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



26, 27.966, 269.495



28, 38.698, 59.244

Rectangle

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



26, 27.966, 269.495



26, 27.966, 319.495



26, 27.966, 89.495



26, 27.966, 139.495

Sweetspot

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



26, 27.966, 269.496



49, 11.359, 252.136



38, 43.667, 149.626



24, 7.736, 252.554



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



26, 27.966, 269.496



32, 38.940, 276.078



13, 58.417, 302.616



20, 1.984, 249.662



27, 34.123, 275.182



56, 62.362, 278.339

Inverse Universe

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



22, 42.727, 351.300



29, 53.900, 355.378



41, 44.751, 99.452



20, 3.104, 341.132



24, 48.046, 354.753



53, 82.568, 357.051

Previews

White Background



This preview shows how the CIE LCh color 26, 27.966, 269.495 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, 27.966, 269.495 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, 27.966, 269.495

Background



This preview shows how black text looks on a background with the CIELCh color 26, 27.966, 269.495.



This preview shows how white text looks on a background with the CIELCh color 26, 27.966, 269.495.

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, 27.966, 269.495

Protanopia

26, 26.969, 285.875

Deuteranopia

26, 28.250, 277.606



Tritanopia
26, 19.022, 204.586

Trichromacy



Original Color
26, 27.966, 269.495

Protanomaly
26, 27.502, 278.868

Deuteranomaly
26, 28.021, 273.776

Tritanomaly
26, 19.029, 233.670

Monochromacy



Original Color
26, 27.966, 269.495

Achromatopsia
22, 0.004, 296.813

Achromatomaly
23, 11.985, 255.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 27.966, 269.495 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(13, 64, 104)` looks like.

```
.text, #text, p{  
    color:rgb(13, 64, 104)  
}
```

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(13, 64, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 64, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 27.966, 269.495 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(13, 64, 104) }
```

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

```
.border{ border-color:rgb(13, 64, 104) }
```

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

Here you see how a box with a 4 pixel rgb(13, 64, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 64, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 64, 104);  
box-shadow:4px 4px 4px 4px rgb(13, 64,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 27.966, 269.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 64, 104) }
```

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

```
.background{ background-color: rgb(13, 64,  
104) }
```

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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