

Converting Colors

CIE LCh(25, 30.604, 256.530)

Have a look what the booklet for
CIELCh(25, 30.604, 256.530)
contains.

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Color

CIELCh(26, 27.927, 265.732)

Conversions

Conversions Part 1

Format	Color
Hex	004168
RGB	0, 65, 104
RGB Percent	0%, 25%, 41%
CMY	1.0000, 0.7460, 0.5931
CMYK	1.00, 0.38, 0.00, 0.59
HSL	203°, 100%, 20%
HSV	203°, 100%, 41%
XYZ	4.3578, 4.7465, 13.7182
YIQ	50.0110, -51.2590, -1.6510

Conversions

Conversions Part 2

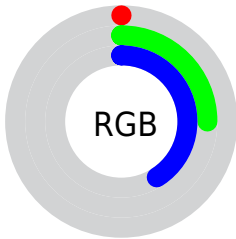
Format	Color
RYB	0, 40, 104
Decimal	16744
CIELab	26.00, -2.08, -27.85
CIElCh	26, 27.927, 265.732
Yxy	4.7465, 0.1909, 0.2080
Android (android.graphics.Color)	4278206824 (0xFF004168)
YUV	50.0110, 26.6166, -43.8596
Hunter-Lab	21.7865, -2.4221, -22.0823

Details

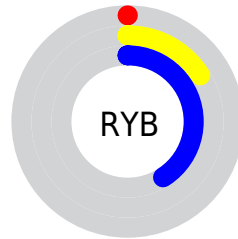
The CIELCh color **26, 27.927, 265.732** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25, 44.867, 52.603**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 27.477, 264.847**, and **8, 24.954, 284.754** is the 20% darker color. If you saturate the color by 10%, you get **26, 27.909, 265.817**, and if you desaturate by 10%, it is **28, 25.714, 261.697**.

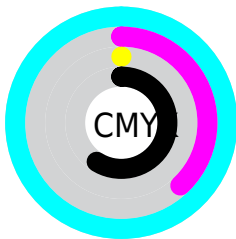
Distribution



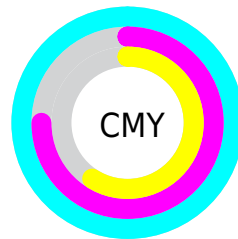
- Red (0%)
- Green (25%)
- Blue (41%)



- Red (0%)
- Yellow (16%)
- Blue (41%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (75%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 27.927, 265.732 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, 27.927, 265.732 by changing the saturation by 10% instead.

■ 26, 27.927,
265.732

■ 26, 27.927,
265.732

■ 100, 27.927,
265.732

■ 16, 27.927,
265.732

■ 46, 27.927,
265.732

■ 6, 27.927, 265.732

■ 56, 27.927,
265.732

■ 0, 27.927, 265.732

■ 66, 27.927,
265.732

■ 76, 27.927,
265.732

■ 86, 27.927,
265.732

■ 96, 27.927,

265.732

■ 26, 27.927,
265.732

■ 26, 27.927,
265.732

■ 26, 27.909,
265.817

■ 28, 25.714,
261.697

■ 29, 23.552,
257.558

■ 31, 21.247,
253.966

■ 32, 18.756,
250.920

■ 34, 16.060,
248.377

■ 36, 13.163,
246.273

■ 38, 10.084,
244.543

■ 40, 6.846, 243.126

■ 42, 3.477, 241.987

Harmonies

Complementary

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



26, 27.927, 265.732



25, 44.867, 52.603

Rectangle

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



26, 27.927, 265.732



26, 27.927, 315.732



26, 27.927, 85.732



26, 27.927, 135.732

Sweetspot

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



26, 27.909, 265.817



49, 12.508, 244.678



38, 50.614, 144.644



24, 8.546, 245.186



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, 27.909, 265.817



34, 34.378, 267.405



11, 61.800, 303.104



20, 1.928, 241.880



29, 30.210, 266.467



60, 54.677, 269.794

Inverse Universe

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



21, 46.121, 349.223



29, 55.420, 350.049



38, 45.885, 93.970



20, 3.247, 338.087



24, 49.425, 349.556



53, 84.764, 351.369

Previews

White Background



This preview shows how the CIELCh color 26, 27.927, 265.732 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, 27.927, 265.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

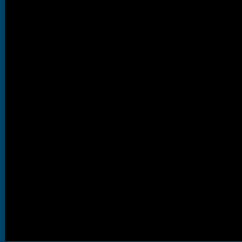
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 27.927, 265.732

Background



This preview shows how black text looks on a background with the CIELCh color 26, 27.927, 265.732.



This preview shows how white text looks on a background with the CIELCh color 26, 27.927, 265.732.

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, 27.927, 265.732

Protanopia

26, 25.649, 284.923

Deuteranopia

26, 27.554, 277.180



Tritanopia
26, 18.941, 206.697

Trichromacy



Original Color
26, 27.927, 265.732

Protanomaly
26, 26.533, 275.114

Deuteranomaly
26, 27.617, 271.495

Tritanomaly
26, 19.710, 234.599

Monochromacy



Original Color
26, 27.927, 265.732

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 12.738, 251.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 27.927, 265.732 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(0, 65, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 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(0, 65, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 27.927, 265.732 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(0, 65, 104) }
```

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

```
.border{ border-color:rgb(0, 65, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 65, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 65, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 65, 104)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 27.927, 265.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 65, 104) }
```

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

```
.background{ background-color: rgb(0, 65,  
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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