

Converting Colors

CIELCh(28, 26.083, 258.970)

Have a look what the booklet for
CIELCh(28, 26.083, 258.970)
contains.

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Color

CIELCh(28, 26.153, 259.284)

Conversions

Conversions Part 1

Format	Color
Hex	024669
RGB	2, 70, 105
RGB Percent	1%, 27%, 41%
CMY	0.9933, 0.7243, 0.5869
CMYK	0.98, 0.33, 0.00, 0.59
HSL	200°, 97%, 21%
HSV	200°, 98%, 41%
XYZ	4.7982, 5.4574, 14.2569
YIQ	53.6580, -51.7630, -3.5310

Conversions

Conversions Part 2

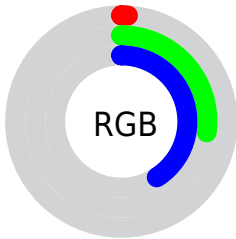
Format	Color
R_{YB}	2, 43, 105
Decimal	149097
CIE _{Lab}	28.00, -4.86, -25.70
CIE _{LCh}	28, 26.153, 259.284
Yxy	5.4574, 0.1957, 0.2226
Android (android.graphics.Color)	4278339177 (0xFF024669)
YUV	53.6580, 25.3116, -45.3041
Hunter-Lab	23.3610, -4.2190, -19.8311

Details

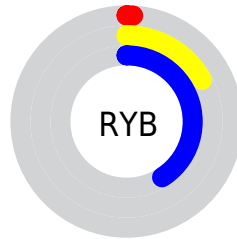
The CIELCh color **28, 26.153, 259.284** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25, 45.483, 50.161**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 25.940, 259.137**, and **10, 22.689, 279.221** is the 20% darker color. If you saturate the color by 10%, you get **28, 26.460, 259.911**, and if you desaturate by 10%, it is **29, 24.330, 255.112**.

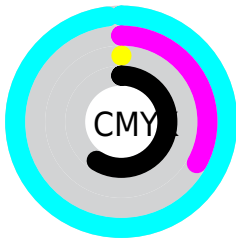
Distribution



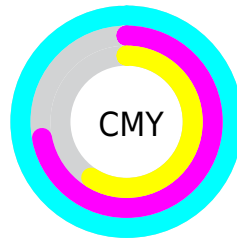
- Red (1%)
- Green (27%)
- Blue (41%)



- Red (1%)
- Yellow (17%)
- Blue (41%)



- Cyan (98%)
- Magenta (33%)
- Yellow (0%)
- Black (59%)



- Cyan (99%)
- Magenta (72%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 26.153, 259.284 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 28, 26.153, 259.284 by changing the saturation by 10% instead.

 28, 26.153,
259.284

 28, 26.153,
259.284


 100, 26.153,
259.284


 18, 26.153,
259.284

 48, 26.153,
259.284


 8, 26.153, 259.284

 58, 26.153,
259.284

 0, 26.153, 259.284

 68, 26.153,
259.284

 78, 26.153,
259.284

 88, 26.153,
259.284

 98, 26.153,

259.284

■ 28, 26.153,
259.284

■ 28, 26.153,
259.284

■ 28, 26.460,
259.911

■ 29, 24.330,
255.112

■ 31, 22.450,
251.158

■ 32, 20.359,
247.792

■ 34, 18.023,
244.985

■ 36, 15.432,
242.676

■ 37, 12.600,
240.793

■ 39, 9.552, 239.265

■ 41, 6.321, 238.034

■ 43, 2.937, 237.076

Harmonies

Complementary

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



28, 26.153, 259.284



25, 45.483, 50.161

Rectangle

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



28, 26.153, 259.284



28, 26.153, 309.284



28, 26.153, 79.284



28, 26.153, 129.284

Sweetspot

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



28, 26.152, 259.285



50, 12.505, 239.612



38, 52.036, 143.638



24, 8.405, 240.065



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



28, 26.152, 259.285



37, 32.574, 261.500



13, 59.577, 301.833



21, 1.992, 237.123



31, 28.754, 260.594



64, 51.214, 263.846

Inverse Universe

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



22, 47.286, 346.186



30, 57.315, 347.156



38, 45.082, 91.575



21, 3.475, 336.419



25, 51.221, 346.752



54, 87.167, 348.248

Previews

White Background



This preview shows how the CIELCh color 28, 26.153, 259.284 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 28, 26.153, 259.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

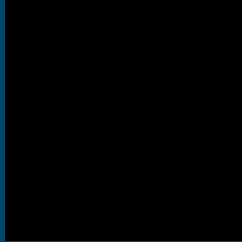
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 26.153, 259.284

Background



This preview shows how black text looks on a background with the CIELCh color 28, 26.153, 259.284.



This preview shows how white text looks on a background with the CIELCh color 28, 26.153, 259.284.

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

28, 26.108, 259.458

Protanopia

28, 23.418, 285.361

Deuteranopia

28, 25.824, 278.200



Tritanopia
28, 19.870, 206.095

Trichromacy



Original Color
28, 26.108, 259.458

Protanomaly
28, 24.605, 271.793

Deuteranomaly
28, 26.227, 269.849

Tritanomaly
28, 20.116, 228.534

Monochromacy



Original Color
28, 26.108, 259.458

Achromatopsia
23, 0.004, 296.813

Achromatomaly
24, 12.241, 243.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 26.153, 259.284 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(2, 70, 105)` looks like.

```
.text, #text, p{  
    color:rgb(2, 70, 105)  
}
```

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(2, 70, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 70, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 26.153, 259.284 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(2, 70, 105) }
```

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

```
.border{ border-color:rgb(2, 70, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 70, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 70, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 70, 105);  
box-shadow:4px 4px 4px 4px rgb(2, 70, 105)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 26.153, 259.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 70, 105) }
```

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

```
.background{ background-color: rgb(2, 70,  
105) }
```

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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