

Converting Colors

CIELCh(40, 26.201, 253.547)

Have a look what the booklet for
CIELCh(40, 26.201, 253.547)
contains.

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Color

CIELCh(40, 26.208, 253.376)

Conversions

Conversions Part 1

Format	Color
Hex	276487
RGB	39, 100, 135
RGB Percent	15%, 39%, 53%
CMY	0.8480, 0.6085, 0.4713
CMYK	0.71, 0.26, 0.00, 0.47
HSL	202°, 55%, 34%
HSV	202°, 71%, 53%
XYZ	9.7278, 11.2510, 24.5109
YIQ	85.7510, -47.5910, -2.0470

Conversions

Conversions Part 2

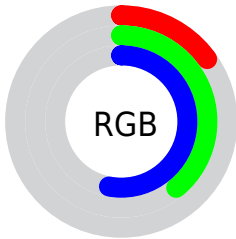
Format	Color
R_{YB}	39, 76, 135
Decimal	2581639
CIE _{Lab}	40.00, -7.50, -25.11
CIE _{LCh}	40, 26.208, 253.376
Yxy	11.2510, 0.2138, 0.2473
Android (android.graphics.Color)	4280771719 (0xFF276487)
YUV	85.7510, 24.2798, -41.0006
Hunter-Lab	33.5425, -6.9316, -19.8460

Details

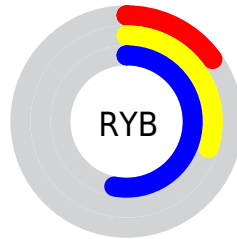
The CIELCh color **40, 26.208, 253.376** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **38, 39.007, 54.239**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 26.027, 252.422**, and **21, 23.439, 262.662** is the 20% darker color. If you saturate the color by 10%, you get **38, 28.884, 257.232**, and if you desaturate by 10%, it is **42, 23.286, 250.114**.

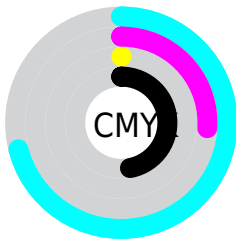
Distribution



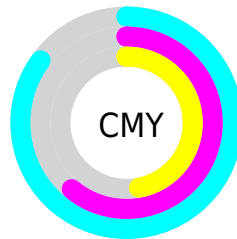
- Red (15%)
- Green (39%)
- Blue (53%)



- Red (15%)
- Yellow (30%)
- Blue (53%)



- Cyan (71%)
- Magenta (26%)
- Yellow (0%)
- Black (47%)





- Cyan (85%)
- Magenta (61%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 26.208, 253.376 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 40, 26.208, 253.376 by changing the saturation by 10% instead.

 40, 26.208,
253.376


 40, 26.208,
253.376


 100, 26.208,
253.376


 30, 26.208,
253.376

 60, 26.208,
253.376


 20, 26.208,
253.376

 70, 26.208,
253.376

 10, 26.208,
253.376

 80, 26.208,
253.376

 0, 26.208, 253.376

 90, 26.208,
253.376

 40, 26.208,

 40, 26.208,

253.376

■ 38, 28.884,
257.232

■ 36, 31.386,
261.663

■ 35, 33.589,
265.652

253.376

■ 42, 23.286,
250.114

■ 44, 20.090,
247.404

■ 46, 16.618,
245.179

■ 49, 12.893,
243.363

■ 51, 8.948, 241.888

■ 53, 4.819, 240.708

■ 56, 0.543, 240.285

■ 58, 3.846, 58.730

■ 61, 8.320, 58.101

Harmonies

Complementary

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



40, 26.208, 253.376



38, 39.007, 54.239

Rectangle

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



40, 26.208, 253.376



40, 26.208, 303.376



40, 26.208, 73.376



40, 26.208, 123.376

Sweetspot

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



40, 26.207, 253.376



65, 10.991, 241.919



50, 49.403, 148.645



34, 7.463, 242.244



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



40, 26.207, 253.376



48, 36.855, 259.680



26, 52.893, 296.113



27, 2.393, 240.496



33, 32.651, 265.457



0, 0.581, 239.544

Inverse Universe

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



33, 48.622, 343.746



40, 65.432, 346.364



50, 44.993, 95.463



26, 4.080, 337.607



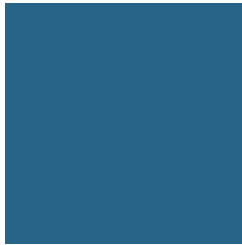
28, 54.255, 349.040



0, 0.969, 337.005

Previews

White Background



This preview shows how the CIE LCh color 40, 26.208, 253.376 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 × Fail

Black Background



This preview shows how the CIE LCh color 40, 26.208, 253.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

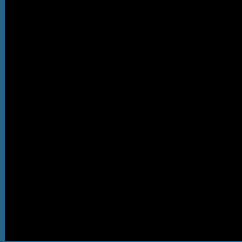
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 26.208, 253.376

Background



This preview shows how black text looks on a background with the CIELCh color 40, 26.208, 253.376.

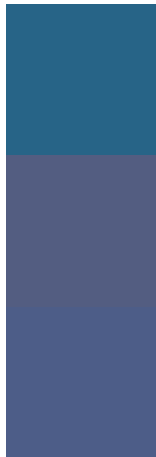


This preview shows how white text looks on a background with the CIELCh color 40, 26.208, 253.376.

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

40, 26.208, 253.376

Protanopia

40, 22.097, 284.430

Deuteranopia

40, 26.508, 282.675



Tritanopia
40, 23.373, 209.027

Trichromacy



Original Color
40, 26.208, 253.376

Protanomaly
40, 23.315, 270.617

Deuteranomaly
40, 26.373, 271.867

Tritanomaly
40, 22.902, 226.299

Monochromacy



Original Color
40, 26.208, 253.376

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 11.225, 244.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 26.208, 253.376 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(39, 100, 135)` looks like.

```
.text, #text, p{  
    color:rgb(39, 100, 135)  
}
```

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(39, 100, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 100, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 26.208, 253.376 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(39, 100, 135) }
```

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

```
.border{ border-color:rgb(39, 100, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 100, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 100, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 100, 135);  
box-shadow:4px 4px 4px 4px rgb(39, 100,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 26.208, 253.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 100, 135) }
```

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

```
.background{ background-color: rgb(39, 100,  
135) }
```

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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