

Converting Colors

CIELCh(34, 41.380, 276.664)

Have a look what the booklet for
CIELCh(34, 41.380, 276.664)
contains.

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Color

CIELCh(34, 41.364, 276.744)

Conversions

Conversions Part 1

Format	Color
Hex	025191
RGB	2, 81, 145
RGB Percent	1%, 32%, 57%
CMY	0.9913, 0.6810, 0.4298
CMYK	0.98, 0.44, 0.00, 0.43
HSL	207°, 97%, 29%
HSV	207°, 98%, 57%
XYZ	8.1379, 8.0082, 28.0672
YIQ	64.6750, -67.6280, 3.1560

Conversions

Conversions Part 2

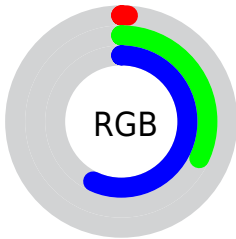
Format	Color
R_{YB}	2, 53, 145
Decimal	151953
CIE _{Lab}	34.00, 4.86, -41.08
CIE _{LCh}	34, 41.364, 276.744
Yxy	8.0082, 0.1841, 0.1811
Android (android.graphics.Color)	4278342033 (0xFF025191)
YUV	64.6750, 39.6002, -54.9660
Hunter-Lab	28.2988, 1.8086, -38.9955

Details

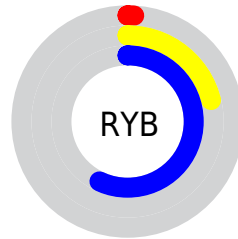
The CIELCh color **34, 41.364, 276.744** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **38, 56.318, 57.428**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 41.032, 276.470**, and **16, 39.699, 290.023** is the 20% darker color. If you saturate the color by 10%, you get **34, 41.969, 277.389**, and if you desaturate by 10%, it is **36, 37.527, 272.220**.

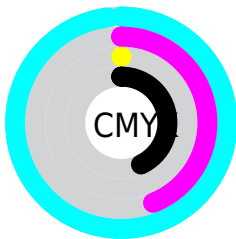
Distribution



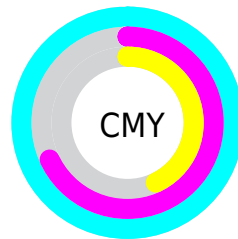
- Red (1%)
- Green (32%)
- Blue (57%)



- Red (1%)
- Yellow (21%)
- Blue (57%)



- Cyan (98%)
- Magenta (44%)
- Yellow (0%)
- Black (43%)



- Cyan (99%)
- Magenta (68%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 41.364, 276.744 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 34, 41.364, 276.744 by changing the saturation by 10% instead.


 34, 41.364,
276.744

 34, 41.364,
276.744

 100, 41.364,
276.744


 24, 41.364,
276.744

 54, 41.364,
276.744


 14, 41.364,
276.744

 64, 41.364,
276.744

 4, 41.364, 276.744

 74, 41.364,
276.744

 0, 41.364, 276.744

 84, 41.364,
276.744

 94, 41.364,
276.744

■ 34, 41.364,
276.744

■ 34, 41.364,
276.744

■ 34, 41.969,
277.389

■ 36, 37.527,
272.220

■ 39, 33.760,
267.900

■ 41, 29.945,
264.053

■ 44, 26.011,
260.727

■ 46, 21.920,
257.904

■ 49, 17.661,
255.536

■ 52, 13.245,
253.561

■ 55, 8.692, 251.921

Harmonies

Complementary

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



34, 41.364, 276.744



38, 56.318, 57.428

Rectangle

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



34, 41.364, 276.744



34, 41.364, 326.744



34, 41.364, 96.744



34, 41.364, 146.744

Sweetspot

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



34, 41.364, 276.746



66, 17.214, 253.954



53, 61.335, 146.792



33, 11.649, 254.680



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



34, 41.364, 276.746



44, 51.815, 278.468



17, 83.961, 305.057



30, 2.720, 250.668



32, 40.162, 277.128



1, 2.398, 249.514

Inverse Universe

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



31, 56.420, 355.875



41, 68.426, 357.151



56, 60.483, 98.602



29, 4.217, 341.582



29, 54.470, 356.138



1, 3.652, 340.914

Previews

White Background



This preview shows how the CIELCh color 34, 41.364, 276.744 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 34, 41.364, 276.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

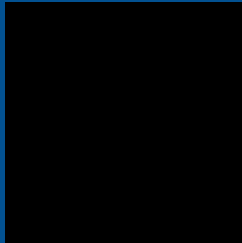
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 41.364, 276.744

Background



This preview shows how black text looks on a background with the CIELCh color 34, 41.364, 276.744.



This preview shows how white text looks on a background with the CIELCh color 34, 41.364, 276.744.

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

34, 41.348, 276.824

Protanopia

34, 40.245, 285.981

Deuteranopia

34, 40.266, 275.294



Tritanopia
34, 22.524, 206.348

Trichromacy



Original Color
34, 41.348, 276.824

Protanomaly
34, 40.744, 281.352

Deuteranomaly
34, 40.794, 275.898

Tritanomaly
34, 24.523, 241.894

Monochromacy



Original Color
34, 41.348, 276.824

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 17.263, 258.431

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 41.364, 276.744 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, 81, 145)` looks like.

```
.text, #text, p{  
    color:rgb(2, 81, 145)  
}
```

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, 81, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 81, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 41.364, 276.744 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, 81, 145) }
```

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

```
.border{ border-color:rgb(2, 81, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 81, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 81, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 81, 145);  
box-shadow:4px 4px 4px 4px rgb(2, 81, 145)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 41.364, 276.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 81, 145) }
```

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

```
.background{ background-color: rgb(2, 81,  
145) }
```

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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