

Converting Colors

CIELCh(41, 32.675, 277.469)

Have a look what the booklet for
CIELCh(41, 32.675, 277.469)
contains.

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Color

CIELCh(41, 32.985, 277.951)

Conversions

Conversions Part 1

Format	Color
Hex	406196
RGB	64, 97, 150
RGB Percent	25%, 38%, 59%
CMY	0.7486, 0.6193, 0.4114
CMYK	0.57, 0.35, 0.00, 0.41
HSL	217°, 40%, 42%
HSV	217°, 57%, 59%
XYZ	11.9169, 11.8645, 30.5580
YIQ	93.1750, -36.6810, 9.4870

Conversions

Conversions Part 2

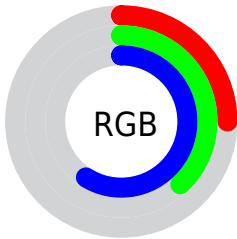
Format	Color
R _{YB}	64, 88, 150
Decimal	4219286
CIE Lab	41.00, 4.56, -32.67
CIE LCh	41, 32.985, 277.951
Yxy	11.8645, 0.2193, 0.2183
Android (android.graphics.Color)	4282409366 (0xFF406196)
YUV	93.1750, 28.0147, -25.5865
Hunter-Lab	34.4449, 1.4769, -28.4879

Details

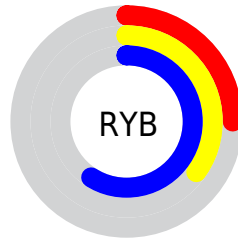
The CIELCh color **41, 32.985, 277.951** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **51, 34.442, 79.315**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 32.894, 278.026**, and **21, 33.070, 279.504** is the 20% darker color. If you saturate the color by 10%, you get **38, 38.969, 281.020**, and if you desaturate by 10%, it is **45, 27.095, 275.271**.

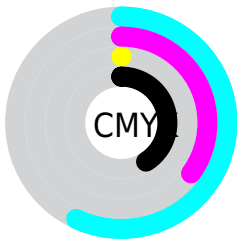
Distribution



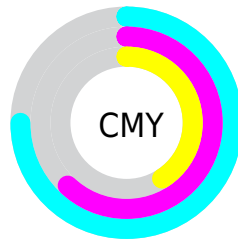
- Red (25%)
- Green (38%)
- Blue (59%)



- Red (25%)
- Yellow (35%)
- Blue (59%)



- Cyan (57%)
- Magenta (35%)
- Yellow (0%)
- Black (41%)



- Cyan (75%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 32.985, 277.951 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 41, 32.985, 277.951 by changing the saturation by 10% instead.

■ 41, 32.985,
277.951

■ 41, 32.985,
277.951

■ 100, 32.985,
277.951

■ 31, 32.985,
277.951

■ 61, 32.985,
277.951

■ 21, 32.985,
277.951

■ 71, 32.985,
277.951

■ 11, 32.985,
277.951

■ 81, 32.985,
277.951

■ 1, 32.985, 277.951

■ 91, 32.985,
277.951

■ 0, 32.985, 277.951

■ 41, 32.985,

■ 41, 32.985,

277.951

277.951

■ 38, 38.969,
281.020

■ 45, 27.095,
275.271

■ 34, 45.085,
284.452

■ 48, 21.274,
272.961

■ 31, 51.358,
288.164

■ 52, 15.505,
270.984

■ 28, 57.777,
291.936

■ 56, 9.784, 269.298

■ 27, 59.541,
292.870

■ 59, 4.111, 267.877

■ 63, 1.510, 86.423

■ 67, 7.073, 85.458

■ 71, 12.573, 84.529

■ 74, 18.004, 83.707

Harmonies

Complementary

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



41, 32.985, 277.951



51, 34.442, 79.315

Rectangle

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



41, 32.985, 277.951



41, 32.985, 327.951



41, 32.985, 97.951



41, 32.985, 147.951

Sweetspot

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



41, 32.984, 277.952



71, 11.973, 269.307



56, 36.003, 163.109



37, 8.078, 269.594



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



41, 32.984, 277.952



48, 49.844, 282.056



32, 53.973, 300.993



29, 3.148, 268.125



25, 55.456, 292.550



1, 2.745, 266.900

Inverse Universe

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



40, 39.660, 357.843



47, 57.567, 0.971



60, 46.158, 109.736



29, 3.778, 351.198



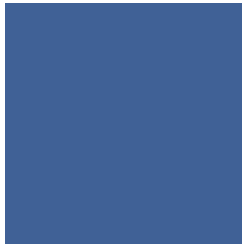
28, 53.654, 11.855



1, 3.257, 350.432

Previews

White Background



This preview shows how the CIELCh color 41, 32.985, 277.951 looks on a white background.

Color Contrast Check

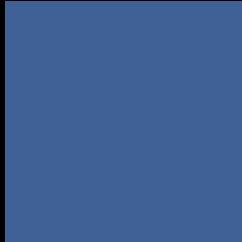
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 32.985, 277.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

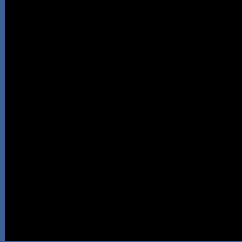
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

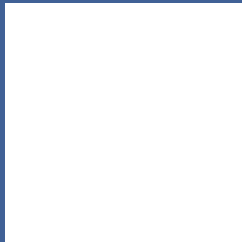
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 32.985, 277.951

Background



This preview shows how black text looks on a background with the CIELCh color 41, 32.985, 277.951.



This preview shows how white text looks on a background with the CIELCh color 41, 32.985, 277.951.

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


41, 32.985, 277.951

Protanopia

41, 32.355, 284.901

Deuteranopia

41, 33.330, 280.566



Tritanopia
41, 18.819, 212.482

Trichromacy



Original Color
41, 32.985, 277.951

Protanomaly
41, 32.562, 281.952

Deuteranomaly
41, 33.381, 280.142

Tritanomaly
41, 20.381, 244.260

Monochromacy



Original Color
41, 32.985, 277.951

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 12.858, 271.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 32.985, 277.951 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(64, 97, 150)` looks like.

```
.text, #text, p{  
    color:rgb(64, 97, 150)  
}
```

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(64, 97, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 97, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 32.985, 277.951 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(64, 97, 150) }
```

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

```
.border{ border-color:rgb(64, 97, 150) }
```

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

Here you see how a box with a 4 pixel rgb(64, 97, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 97, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 97, 150);  
box-shadow:4px 4px 4px 4px rgb(64, 97,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 32.985, 277.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 97, 150) }
```

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

```
.background{ background-color: rgb(64, 97,  
150) }
```

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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