

Converting Colors

CIELCh(41, 29.943, 269.953)

Have a look what the booklet for
CIELCh(41, 29.943, 269.953)
contains.

CIELCh(41, 30.302, 270.381)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 30.302, 270.381)

Conversions

Conversions Part 1

Format	Color
Hex	386392
RGB	56, 99, 146
RGB Percent	22%, 39%, 57%
CMY	0.7799, 0.6114, 0.4270
CMYK	0.62, 0.32, 0.00, 0.43
HSL	211°, 44%, 40%
HSV	211°, 62%, 57%
XYZ	11.3046, 11.8645, 28.9309
YIQ	91.5010, -40.7150, 5.5010

Conversions

Conversions Part 2

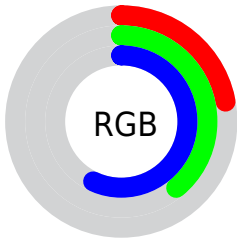
Format	Color
R_{YB}	56, 85, 146
Decimal	3695506
CIE Lab	41.00, 0.20, -30.30
CIE LCh	41, 30.302, 270.381
Yxy	11.8645, 0.2170, 0.2277
Android (android.graphics.Color)	4281885586 (0xFF386392)
YUV	91.5010, 26.8680, -31.1344
Hunter-Lab	34.4449, -1.6958, -25.6873

Details

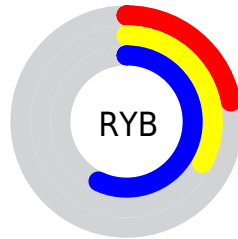
The CIELCh color **41, 30.302, 270.381** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **47, 35.093, 70.008**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 29.975, 269.842**, and **21, 29.458, 274.299** is the 20% darker color. If you saturate the color by 10%, you get **38, 35.055, 273.807**, and if you desaturate by 10%, it is **44, 25.522, 267.409**.

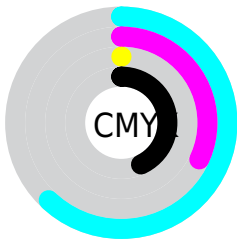
Distribution



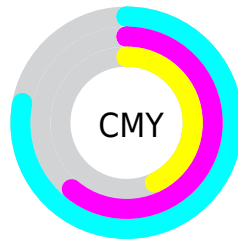
- Red (22%)
- Green (39%)
- Blue (57%)



- Red (22%)
- Yellow (33%)
- Blue (57%)



- Cyan (62%)
- Magenta (32%)
- Yellow (0%)
- Black (43%)



- Cyan (78%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 30.302, 270.381 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, 30.302, 270.381 by changing the saturation by 10% instead.

■ 41, 30.302,
270.381

■ 41, 30.302,
270.381

■ 100, 30.302,
270.381

■ 31, 30.302,
270.381

■ 61, 30.302,
270.381

■ 21, 30.302,
270.381

■ 71, 30.302,
270.381

■ 11, 30.302,
270.381

■ 81, 30.302,
270.381

■ 1, 30.302, 270.381

■ 91, 30.302,
270.381

■ 0, 30.302, 270.381

■ 41, 30.302,

■ 41, 30.302,

270.381

270.381

■ 38, 35.055,
273.807

■ 44, 25.522,
267.409

■ 35, 39.832,
277.660

■ 47, 20.688,
264.867

■ 33, 44.696,
281.845

■ 50, 15.792,
262.711

■ 30, 48.922,
285.304

■ 54, 10.838,
260.890

■ 57, 5.838, 259.361

■ 60, 0.808, 258.337

■ 63, 4.238, 76.798

■ 67, 9.283, 75.860

■ 70, 14.317, 75.026

Harmonies

Complementary

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



41, 30.302, 270.381



47, 35.093, 70.008

Rectangle

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



41, 30.302, 270.381



41, 30.302, 320.381



41, 30.302, 90.381



41, 30.302, 140.381

Sweetspot

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



41, 30.301, 270.382



69, 11.146, 260.366



54, 40.378, 157.759



35, 7.713, 260.791



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



41, 30.301, 270.382



48, 44.579, 275.263



29, 57.245, 299.927



30, 2.876, 259.040



29, 46.603, 285.046



1, 2.523, 257.811

Inverse Universe

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



38, 42.847, 352.145



45, 60.132, 355.164



59, 47.892, 105.451



29, 4.008, 345.586



29, 53.520, 2.961



1, 3.465, 344.870

Previews

White Background



This preview shows how the CIE LCh color 41, 30.302, 270.381 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 CIELCh color 41, 30.302, 270.381 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, 30.302, 270.381

Background



This preview shows how black text looks on a background with the CIELCh color 41, 30.302, 270.381.

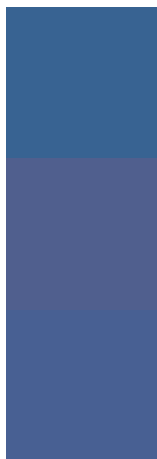


This preview shows how white text looks on a background with the CIELCh color 41, 30.302, 270.381.

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, 30.302, 270.381

Protanopia

41, 28.720, 284.620

Deuteranopia

41, 31.411, 281.178



Tritanopia
41, 20.524, 212.830

Trichromacy



Original Color
41, 30.302, 270.381

Protanomaly
41, 29.178, 278.941

Deuteranomaly
41, 31.188, 277.377

Tritanomaly
41, 21.519, 238.772

Monochromacy



Original Color
41, 30.302, 270.381

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 11.773, 261.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 30.302, 270.381 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(56, 99, 146)` looks like.

```
.text, #text, p{  
    color:rgb(56, 99, 146)  
}
```

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(56, 99, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 99, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 30.302, 270.381 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(56, 99, 146) }
```

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

```
.border{ border-color:rgb(56, 99, 146) }
```

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

Here you see how a box with a 4 pixel rgb(56, 99, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 99, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 99, 146);  
box-shadow:4px 4px 4px 4px rgb(56, 99,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 30.302, 270.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 99, 146) }
```

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

```
.background{ background-color: rgb(56, 99,  
146) }
```

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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