

Converting Colors

CIELCh(41, 31.495, 270.912)

Have a look what the booklet for
CIELCh(41, 31.495, 270.912)
contains.

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Color

CIELCh(41, 31.495, 270.912)

Conversions

Conversions Part 1

Format	Color
Hex	366394
RGB	54, 99, 148
RGB Percent	21%, 39%, 58%
CMY	0.7879, 0.6115, 0.4193
CMYK	0.63, 0.33, 0.00, 0.42
HSL	211°, 46%, 40%
HSV	211°, 63%, 58%
XYZ	11.3460, 11.8645, 29.7414
YIQ	91.1310, -42.5490, 5.6990

Conversions

Conversions Part 2

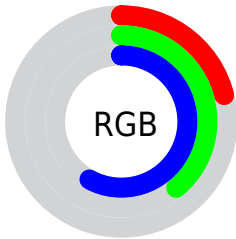
Format	Color
R_{YB}	54, 84, 148
Decimal	3564436
CIE _{Lab}	41.00, 0.50, -31.49
CIE _{LCh}	41, 31.495, 270.912
Yxy	11.8645, 0.2143, 0.2241
Android (android.graphics.Color)	4281754516 (0xFF366394)
YUV	91.1310, 28.0364, -32.5639
Hunter-Lab	34.4449, -1.4813, -27.0824

Details

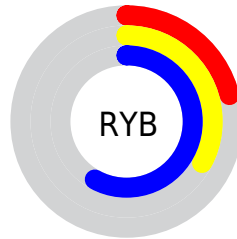
The CIELCh color **41, 31.495, 270.912** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **47, 36.658, 69.647**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 31.590, 271.024**, and **22, 30.625, 275.837** is the 20% darker color. If you saturate the color by 10%, you get **38, 36.289, 274.432**, and if you desaturate by 10%, it is **44, 26.681, 267.848**.

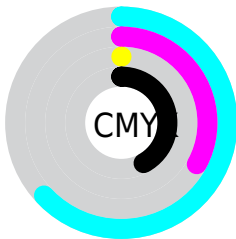
Distribution



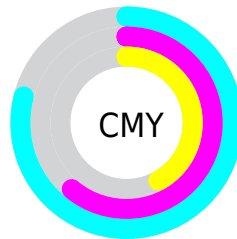
- Red (21%)
- Green (39%)
- Blue (58%)



- Red (21%)
- Yellow (33%)
- Blue (58%)



- Cyan (63%)
- Magenta (33%)
- Yellow (0%)
- Black (42%)



- Cyan (79%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 31.495, 270.912 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, 31.495, 270.912 by changing the saturation by 10% instead.

■ 41, 31.495,
270.912

■ 41, 31.495,
270.912

■ 100, 31.495,
270.912

■ 31, 31.495,
270.912

■ 61, 31.495,
270.912

■ 21, 31.495,
270.912

■ 71, 31.495,
270.912

■ 11, 31.495,
270.912

■ 81, 31.495,
270.912

■ 1, 31.495, 270.912

■ 91, 31.495,
270.912

■ 0, 31.495, 270.912

■ 41, 31.495,

■ 41, 31.495,

270.912

270.912

■ 38, 36.289,
274.432

■ 44, 26.681,
267.848

■ 35, 41.117,
278.368

■ 47, 21.815,
265.222

■ 33, 46.044,
282.610

■ 50, 16.884,
262.993

■ 31, 49.368,
285.269

■ 54, 11.892,
261.110

■ 57, 6.850, 259.526

■ 60, 1.774, 258.282

■ 64, 3.322, 76.875

■ 67, 8.421, 75.925

■ 70, 13.510, 75.071

Harmonies

Complementary

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



41, 31.495, 270.912



47, 36.658, 69.647

Rectangle

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



41, 31.495, 270.912



41, 31.495, 320.912



41, 31.495, 90.912



41, 31.495, 140.912

Sweetspot

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



41, 31.494, 270.913



70, 11.879, 260.427



55, 41.856, 157.452



36, 8.232, 260.858



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



41, 31.494, 270.913



48, 46.182, 275.977



28, 59.818, 300.332



30, 2.874, 258.937



29, 46.515, 284.954



1, 2.521, 257.709

Inverse Universe

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



38, 44.411, 352.451



45, 61.775, 355.636



60, 49.640, 105.314



29, 4.011, 345.531



29, 53.527, 2.869



1, 3.468, 344.816

Previews

White Background



This preview shows how the CIE LCh color 41, 31.495, 270.912 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, 31.495, 270.912 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, 31.495, 270.912

Background



This preview shows how black text looks on a background with the CIELCh color 41, 31.495, 270.912.

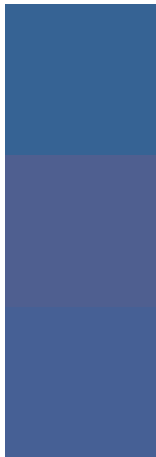


This preview shows how white text looks on a background with the CIELCh color 41, 31.495, 270.912.

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, 31.495, 270.912

Protanopia

41, 29.934, 284.693

Deuteranopia

41, 32.659, 281.041



Tritanopia
41, 21.644, 210.175

Trichromacy



Original Color
41, 31.495, 270.912

Protanomaly
41, 30.375, 279.351

Deuteranomaly
41, 32.425, 277.480

Tritanomaly
41, 21.975, 237.712

Monochromacy



Original Color
41, 31.495, 270.912

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 12.306, 263.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 31.495, 270.912 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(54, 99, 148)` looks like.

```
.text, #text, p{  
    color:rgb(54, 99, 148)  
}
```

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(54, 99, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 99, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 31.495, 270.912 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(54, 99, 148) }
```

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

```
.border{ border-color:rgb(54, 99, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 99, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 99, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 99, 148);  
box-shadow:4px 4px 4px 4px rgb(54, 99,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 31.495, 270.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 99, 148) }
```

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

```
.background{ background-color: rgb(54, 99,  
148) }
```

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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