

Converting Colors

CIELCh(44, 31.674, 253.214)

Have a look what the booklet for
CIELCh(44, 31.674, 253.214)
contains.

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Color

CIELCh(44, 31.674, 253.214)

Conversions

Conversions Part 1

Format	Color
Hex	156F9A
RGB	21, 111, 154
RGB Percent	8%, 44%, 60%
CMY	0.9183, 0.5650, 0.3964
CMYK	0.86, 0.28, 0.00, 0.40
HSL	199°, 76%, 34%
HSV	199°, 86%, 60%
XYZ	11.8059, 13.8382, 32.5816
YIQ	88.9920, -67.4430, -5.7070

Conversions

Conversions Part 2

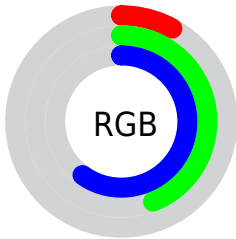
Format	Color
RYB	21, 75, 154
Decimal	1404826
CIELab	44.00, -9.15, -30.32
CIELCh	44, 31.674, 253.214
Yxy	13.8382, 0.2028, 0.2377
Android (android.graphics.Color)	4279594906 (0xFF156F9A)
YUV	88.9920, 32.0489, -59.6290
Hunter-Lab	37.1997, -8.4497, -25.8896

Details

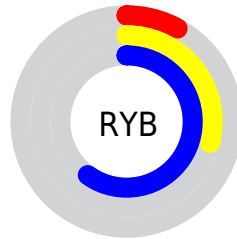
The CIELCh color **44, 31.674, 253.214** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **39, 55.225, 50.066**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 31.705, 252.943**, and **26, 27.898, 266.214** is the 20% darker color. If you saturate the color by 10%, you get **42, 33.841, 257.880**, and if you desaturate by 10%, it is **46, 29.304, 249.110**.

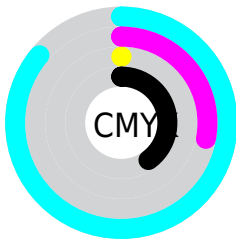
Distribution



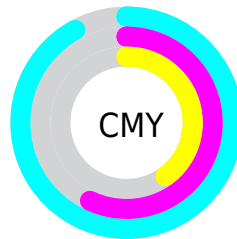
- Red (8%)
- Green (44%)
- Blue (60%)



- Red (8%)
- Yellow (29%)
- Blue (60%)



- Cyan (86%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)




- Cyan (92%)
- Magenta (57%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 31.674, 253.214 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 44, 31.674, 253.214 by changing the saturation by 10% instead.


 44, 31.674,
253.214


 44, 31.674,
253.214


 100, 31.674,
253.214


 34, 31.674,
253.214

 64, 31.674,
253.214


 24, 31.674,
253.214

 74, 31.674,
253.214

 14, 31.674,
253.214

 84, 31.674,
253.214

 4, 31.674, 253.214

 94, 31.674,
253.214

 0, 31.674, 253.214

 44, 31.674,

 44, 31.674,

253.214

■ 42, 33.841,
257.880

■ 42, 34.631,
259.496

253.214

■ 46, 29.304,
249.110

■ 48, 26.612,
245.650

■ 50, 23.543,
242.798

■ 52, 20.090,
240.482

■ 55, 16.273,
238.618

■ 57, 12.136,
237.129

■ 59, 7.726, 235.948

■ 62, 3.095, 235.066

Harmonies

Complementary

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



44, 31.674, 253.214



39, 55.225, 50.066

Rectangle

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



44, 31.674, 253.214



44, 31.674, 303.214



44, 31.674, 73.214



44, 31.674, 123.214

Sweetspot

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



44, 31.673, 253.215



72, 14.691, 237.133



56, 65.182, 144.510



37, 9.853, 237.566



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



44, 31.673, 253.215



53, 42.319, 260.578



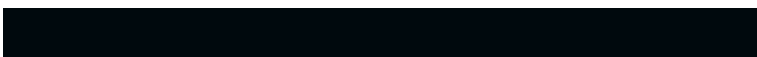
25, 69.939, 299.167



31, 2.677, 235.271



38, 32.217, 259.038



2, 2.945, 235.842

Inverse Universe

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



35, 60.850, 343.751



44, 75.401, 346.745



55, 55.808, 91.274



30, 4.735, 335.824



30, 58.575, 346.080



1, 5.038, 335.708

Previews

White Background



This preview shows how the CIELCh color 44, 31.674, 253.214 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 44, 31.674, 253.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

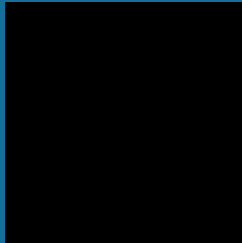
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 31.674, 253.214

Background



This preview shows how black text looks on a background with the CIELCh color 44, 31.674, 253.214.



This preview shows how white text looks on a background with the CIELCh color 44, 31.674, 253.214.

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


44, 31.674, 253.214

Protanopia

44, 27.111, 285.504

Deuteranopia

44, 32.217, 281.422



Tritanopia
44, 26.883, 208.379

Trichromacy



Original Color
44, 31.674, 253.214

Protanomaly
43, 28.835, 269.637

Deuteranomaly
44, 31.501, 268.953

Tritanomaly
44, 26.767, 225.497

Monochromacy



Original Color
44, 31.674, 253.214

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 14.785, 240.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 31.674, 253.214 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(21, 111, 154)` looks like.

```
.text, #text, p{  
    color:rgb(21, 111, 154)  
}
```

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(21, 111, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 111, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 31.674, 253.214 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(21, 111, 154) }
```

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

```
.border{ border-color:rgb(21, 111, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 111, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 111, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 111, 154);  
box-shadow:4px 4px 4px 4px rgb(21, 111,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 31.674, 253.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 111, 154) }
```

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

```
.background{ background-color: rgb(21, 111,  
154) }
```

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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