

Converting Colors

CIELCh(44, 32.036, 250.547)

Have a look what the booklet for
CIELCh(44, 32.036, 250.547)
contains.

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Color

CIELCh(44, 32.031, 250.323)

Conversions

Conversions Part 1

Format	Color
Hex	02709A
RGB	2, 112, 154
RGB Percent	1%, 44%, 60%
CMY	0.9933, 0.5622, 0.3976
CMYK	0.99, 0.27, 0.00, 0.40
HSL	197°, 98%, 30%
HSV	197°, 99%, 60%
XYZ	11.5749, 13.8382, 32.4620
YIQ	83.8980, -79.0420, -10.2580

Conversions

Conversions Part 2

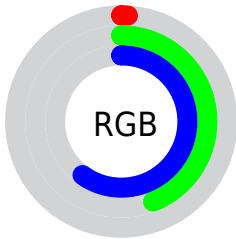
Format	Color
RYB	2, 66, 154
Decimal	159898
CIELab	44.00, -10.79, -30.16
CIELCh	44, 32.031, 250.323
Yxy	13.8382, 0.2000, 0.2391
Android (android.graphics.Color)	4278349978 (0xFF02709A)
YUV	83.8980, 34.5603, -71.8245
Hunter-Lab	37.1997, -9.5582, -25.6991

Details

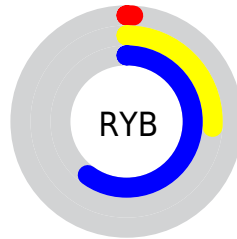
The CIELCh color **44, 32.031, 250.323** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **35, 64.452, 46.722**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 32.078, 250.237**, and **26, 27.898, 266.214** is the 20% darker color. If you saturate the color by 10%, you get **44, 32.213, 250.804**, and if you desaturate by 10%, it is **46, 30.457, 245.915**.

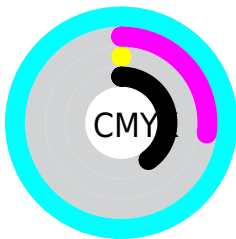
Distribution



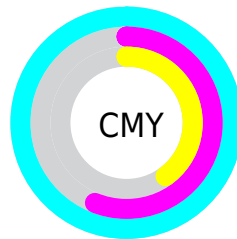
- Red (1%)
- Green (44%)
- Blue (60%)



- Red (1%)
- Yellow (26%)
- Blue (60%)



- Cyan (99%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)




- Cyan (99%)
- Magenta (56%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 32.031, 250.323 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, 32.031, 250.323 by changing the saturation by 10% instead.


 44, 32.031,
250.323


 44, 32.031,
250.323


 100, 32.031,
250.323


 34, 32.031,
250.323

 64, 32.031,
250.323


 24, 32.031,
250.323

 74, 32.031,
250.323

 14, 32.031,
250.323

 84, 32.031,
250.323

 4, 32.031, 250.323

 94, 32.031,
250.323

 0, 32.031, 250.323

 44, 32.031,

 44, 32.031,

250.323

■ 44, 32.213,
250.804

250.323

■ 46, 30.457,
245.915

■ 47, 28.649,
242.009

■ 49, 26.434,
238.764

■ 51, 23.761,
236.128

■ 53, 20.622,
234.020

■ 55, 17.048,
232.353

■ 57, 13.087,
231.046

■ 59, 8.797, 230.036

Harmonies

Complementary

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



44, 32.031, 250.323



35, 64.452, 46.722

Rectangle

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



44, 32.031, 250.323



44, 32.031, 300.323



44, 32.031, 70.323



44, 32.031, 120.323

Sweetspot

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



44, 32.030, 250.324



72, 16.691, 231.246



55, 73.318, 140.642



36, 11.218, 231.731



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, 32.030, 250.324



56, 39.288, 251.850



23, 75.272, 300.564



31, 2.684, 229.309



40, 30.056, 250.375



2, 2.953, 230.144

Inverse Universe

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



34, 64.259, 342.730



44, 77.678, 343.275



52, 57.535, 85.395



30, 4.896, 333.913



31, 60.329, 342.751



1, 5.209, 333.822

Previews

White Background



This preview shows how the CIELCh color 44, 32.031, 250.323 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 44, 32.031, 250.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

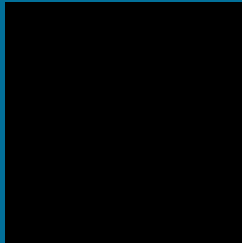
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 32.031, 250.323

Background



This preview shows how black text looks on a background with the CIELCh color 44, 32.031, 250.323.

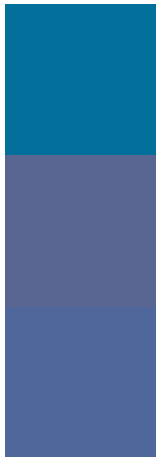


This preview shows how white text looks on a background with the CIELCh color 44, 32.031, 250.323.

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, 32.061, 250.249

Protanopia

44, 26.527, 285.201

Deuteranopia

44, 32.167, 281.902



Tritanopia
44, 26.883, 208.379

Trichromacy



Original Color
44, 32.061, 250.249

Protanomaly
43, 28.506, 264.666

Deuteranomaly
43, 31.950, 266.927

Tritanomaly
44, 27.115, 225.069

Monochromacy



Original Color
44, 32.061, 250.249

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 16.067, 233.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 32.031, 250.323 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, 112, 154)` looks like.

```
.text, #text, p{  
    color:rgb(2, 112, 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(2, 112, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 112, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 32.031, 250.323 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, 112, 154) }
```

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

```
.border{ border-color:rgb(2, 112, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 112, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 112, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 112, 154);  
box-shadow:4px 4px 4px 4px rgb(2, 112,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 32.031, 250.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 112, 154) }
```

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

```
.background{ background-color: rgb(2, 112,  
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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