

Converting Colors

CIELCh(44, 28.207, 246.497)

Have a look what the booklet for
CIELCh(44, 28.207, 246.497)
contains.

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Color

CIELCh(44, 28.139, 246.708)

Conversions

Conversions Part 1

Format	Color
Hex	206F92
RGB	32, 111, 146
RGB Percent	13%, 44%, 57%
CMY	0.8760, 0.5632, 0.4259
CMYK	0.78, 0.24, 0.00, 0.43
HSL	198°, 64%, 35%
HSV	198°, 78%, 57%
XYZ	11.5272, 13.8382, 29.4175
YIQ	91.3690, -58.3190, -5.8630

Conversions

Conversions Part 2

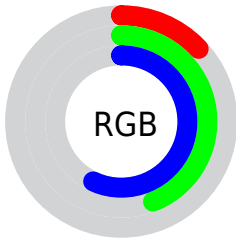
Format	Color
R_{YB}	32, 79, 146
Decimal	2125714
CIE _{Lab}	44.00, -11.13, -25.85
CIE _{LCh}	44, 28.139, 246.708
Yxy	13.8382, 0.2104, 0.2526
Android (android.graphics.Color)	4280315794 (0xFF206F92)
YUV	91.3690, 26.9331, -52.0666
Hunter-Lab	37.1997, -9.7873, -20.8466

Details

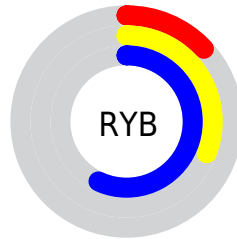
The CIELCh color `44, 28.139, 246.708` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `38, 47.850, 49.111`, and the grayscale version is `39, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 27.904, 246.415`, and `25, 24.397, 259.004` is the 20% darker color. If you saturate the color by 10%, you get `42, 30.182, 250.784`, and if you desaturate by 10%, it is `46, 25.760, 243.283`.

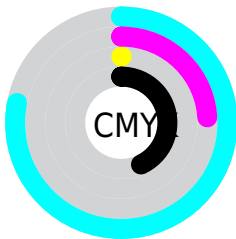
Distribution



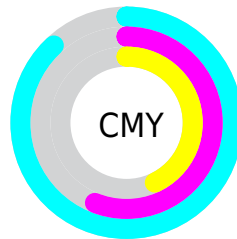
- Red (13%)
- Green (44%)
- Blue (57%)



- Red (13%)
- Yellow (31%)
- Blue (57%)



- Cyan (78%)
- Magenta (24%)
- Yellow (0%)
- Black (43%)



- Cyan (88%)
- Magenta (56%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 28.139, 246.708 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, 28.139, 246.708 by changing the saturation by 10% instead.


 44, 28.139,
246.708


 44, 28.139,
246.708

 100, 28.139,
246.708

 34, 28.139,
246.708

 64, 28.139,
246.708

 24, 28.139,
246.708

 74, 28.139,
246.708

 14, 28.139,
246.708

 84, 28.139,
246.708

 4, 28.139, 246.708

 94, 28.139,
246.708

 0, 28.139, 246.708

 44, 28.139,

 44, 28.139,

246.708

■ 42, 30.182,
250.784

■ 41, 32.048,
255.334

■ 40, 32.358,
256.035

246.708

■ 46, 25.760,
243.283

■ 48, 22.994,
240.469

■ 50, 19.828,
238.192

■ 52, 16.286,
236.369

■ 54, 12.408,
234.920

■ 56, 8.245, 233.778

■ 59, 3.847, 232.915

■ 61, 0.738, 51.541

■ 64, 5.468, 51.430

Harmonies

Complementary

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



44, 28.139, 246.708



38, 47.850, 49.111

Rectangle

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



44, 28.139, 246.708



44, 28.139, 296.708



44, 28.139, 66.708



44, 28.139, 116.708

Sweetspot

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



44, 28.138, 246.708



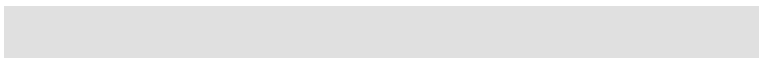
70, 13.172, 234.441



53, 59.199, 145.452



36, 9.043, 234.838



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



44, 28.138, 246.708



54, 38.453, 254.279



27, 59.022, 296.001



30, 2.603, 232.972



38, 30.868, 255.727



2, 2.318, 232.203

Inverse Universe

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



35, 56.839, 341.407



43, 73.731, 344.168



52, 49.967, 91.104



29, 4.663, 335.071



30, 58.457, 344.731



1, 4.048, 334.490

Previews

White Background



This preview shows how the CIELCh color 44, 28.139, 246.708 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, 28.139, 246.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

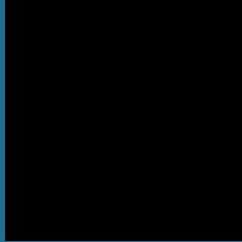
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 28.139, 246.708

Background



This preview shows how black text looks on a background with the CIELCh color 44, 28.139, 246.708.



This preview shows how white text looks on a background with the CIELCh color 44, 28.139, 246.708.

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, 28.057, 246.905

Protanopia

44, 22.310, 285.259

Deuteranopia

44, 27.285, 282.227



Tritanopia
44, 26.883, 208.379

Trichromacy



Original Color
44, 28.057, 246.905

Protanomaly
43, 24.150, 266.809

Deuteranomaly
44, 26.759, 266.660

Tritanomaly
44, 26.286, 221.555

Monochromacy



Original Color
44, 28.057, 246.905

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 12.856, 236.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 28.139, 246.708 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(32, 111, 146)` looks like.

```
.text, #text, p{  
    color:rgb(32, 111, 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(32, 111, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 111, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 28.139, 246.708 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(32, 111, 146) }
```

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

```
.border{ border-color:rgb(32, 111, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 111, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 111, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 111, 146);  
box-shadow:4px 4px 4px 4px rgb(32, 111,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 28.139, 246.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 111, 146) }
```

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

```
.background{ background-color: rgb(32, 111,  
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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