

Converting Colors

CIELCh(44, 26.007, 163.830)

Have a look what the booklet for
CIELCh(44, 26.007, 163.830)
contains.

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Color

CIELCh(44, 26.305, 163.427)

Conversions

Conversions Part 1

Format	Color
Hex	39735B
RGB	57, 115, 91
RGB Percent	22%, 45%, 36%
CMY	0.7772, 0.5497, 0.6438
CMYK	0.51, 0.00, 0.21, 0.55
HSL	155°, 34%, 34%
HSV	155°, 51%, 45%
XYZ	9.6689, 13.8382, 12.0210
YIQ	94.9220, -26.8640, -19.7600

Conversions

Conversions Part 2

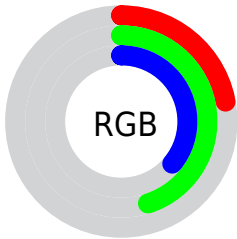
Format	Color
RYB	57, 94, 115
Decimal	3765083
CIELab	44.00, -25.21, 7.50
CIELCh	44, 26.305, 163.427
Yxy	13.8382, 0.2721, 0.3895
Android (android.graphics.Color)	4281955163 (0xFF39735B)
YUV	94.9220, -1.9335, -33.2576
Hunter-Lab	37.1997, -18.7040, 6.8805

Details

The CIELCh color **44, 26.305, 163.427** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **32, 28.665, 354.266**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 26.163, 163.552**, and **24, 26.187, 163.290** is the 20% darker color. If you saturate the color by 10%, you get **43, 30.771, 162.040**, and if you desaturate by 10%, it is **45, 21.486, 164.667**.

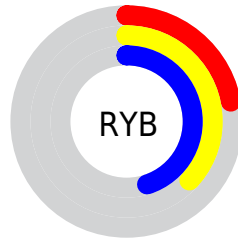
Distribution



Red (22%)

Green (45%)

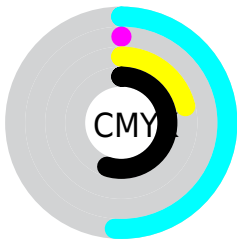
Blue (36%)



Red (22%)

Yellow (37%)

Blue (45%)

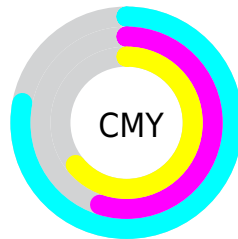


Cyan (51%)

Magenta (0%)

Yellow (21%)

Black (55%)



Cyan (78%)

Magenta (55%)

Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 26.305, 163.427 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, 26.305, 163.427 by changing the saturation by 10% instead.

 44, 26.305,
163.427


 44, 26.305,
163.427

 100, 26.305,
163.427

 34, 26.305,
163.427

 64, 26.305,
163.427


 24, 26.305,
163.427

 74, 26.305,
163.427

 14, 26.305,
163.427

 84, 26.305,
163.427

 4, 26.305, 163.427

 94, 26.305,
163.427

 0, 26.305, 163.427

 44, 26.305,

 44, 26.305,

163.427

163.427

■ 43, 30.771,
162.040

■ 45, 21.486,
164.667

■ 43, 34.810,
160.487

■ 45, 16.395,
165.784

■ 43, 38.372,
158.749

■ 46, 11.114,
166.801

■ 42, 41.438,
156.819

■ 47, 5.718, 167.745

■ 42, 44.094,
154.989

■ 48, 0.275, 169.599

■ 49, 5.163, 349.265

■ 51, 10.551,
350.023

■ 52, 15.859,
350.716

■ 53, 21.063,

Harmonies

Complementary

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



44, 26.305, 163.427



32, 28.665, 354.266

Rectangle

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



44, 26.305, 163.427



44, 26.305, 213.427



44, 26.305, 343.427



44, 26.305, 33.427

Sweetspot

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



44, 26.306, 163.426



60, 10.168, 167.289



45, 36.560, 129.694



31, 6.986, 167.131



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 26.306, 163.426



56, 38.485, 161.728



43, 18.171, 206.725



24, 3.116, 167.880



45, 46.301, 154.819



87, 80.522, 153.461

Inverse Universe

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



32, 28.665, 354.266



39, 42.431, 356.475



33, 26.216, 30.347



23, 3.169, 349.294



25, 49.065, 8.364



53, 83.482, 11.410

Previews

White Background



This preview shows how the CIELCh color 44, 26.305, 163.427 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, 26.305, 163.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

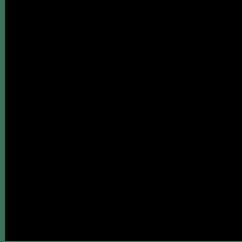
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 26.305, 163.427

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.305, 163.427.



This preview shows how white text looks on a background with the CIELCh color 44, 26.305, 163.427.

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, 26.305, 163.427

Protanopia

44, 11.058, 94.726

Deuteranopia

44, 8.229, 45.870



Tritanopia
44, 16.484, 217.035

Trichromacy



Original Color
44, 26.305, 163.427

Protanomaly
43, 13.999, 139.384

Deuteranomaly
43, 8.359, 139.296

Tritanomaly
44, 18.002, 191.577

Monochromacy



Original Color
44, 26.305, 163.427

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 10.231, 165.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 26.305, 163.427 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(57, 115, 91)` looks like.

```
.text, #text, p{  
    color:rgb(57, 115, 91)  
}
```

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(57, 115, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 115, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.305, 163.427 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(57, 115, 91) }
```

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

```
.border{ border-color:rgb(57, 115, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 115, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 115, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 115, 91);  
box-shadow:4px 4px 4px 4px rgb(57, 115,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.305, 163.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 115, 91) }
```

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

```
.background{ background-color: rgb(57, 115,  
91) }
```

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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