

Converting Colors

CIELCh(44, 26.102, 208.994)

Have a look what the booklet for
CIELCh(44, 26.102, 208.994)
contains.

CIELCh(44, 26.099, 208.811)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 26.099, 208.811)

Conversions

Conversions Part 1

Format	Color
Hex	0D737C
RGB	13, 115, 124
RGB Percent	5%, 45%, 49%
CMY	0.9477, 0.5485, 0.5132
CMYK	0.89, 0.07, 0.00, 0.51
HSL	185°, 81%, 27%
HSV	185°, 89%, 49%
XYZ	9.9631, 13.8382, 21.2586
YIQ	85.5280, -63.6810, -18.8250

Conversions

Conversions Part 2

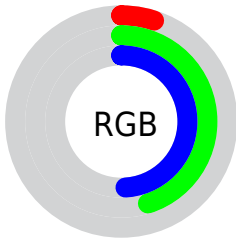
Format	Color
RYB	13, 66, 124
Decimal	881532
CIELab	44.00, -22.87, -12.58
CIELCh	44, 26.099, 208.811
Yxy	13.8382, 0.2211, 0.3071
Android (android.graphics.Color)	4279071612 (0xFF0D737C)
YUV	85.5280, 18.9667, -63.6071
Hunter-Lab	37.1997, -17.2922, -7.8428

Details

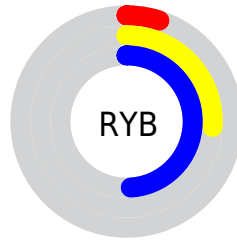
The CIELCh color **44, 26.099, 208.811** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **26, 53.612, 38.048**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 26.027, 209.867**, and **25, 18.312, 215.971** is the 20% darker color. If you saturate the color by 10%, you get **44, 26.639, 209.891**, and if you desaturate by 10%, it is **45, 25.175, 207.898**.

Distribution



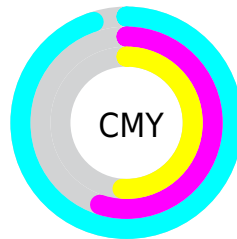
- Red (5%)
- Green (45%)
- Blue (49%)



- Red (5%)
- Yellow (26%)
- Blue (49%)



- Cyan (89%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)




- Cyan (95%)
- Magenta (55%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 26.099, 208.811 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, 26.099, 208.811 by changing the saturation by 10% instead.


 44, 26.099,
208.811


 44, 26.099,
208.811


 100, 26.099,
208.811


 34, 26.099,
208.811

 64, 26.099,
208.811


 24, 26.099,
208.811

 74, 26.099,
208.811

 14, 26.099,
208.811

 84, 26.099,
208.811

 4, 26.099, 208.811

 94, 26.099,
208.811

 0, 26.099, 208.811

 44, 26.099,

 44, 26.099,

208.811

■ 44, 26.639,
209.891

■ 44, 26.679,
209.971

208.811

■ 45, 25.175,
207.898

■ 45, 23.686,
207.217

■ 46, 21.622,
206.742

■ 47, 19.007,
206.446

■ 48, 15.888,
206.304

■ 49, 12.326,
206.293

■ 50, 8.388, 206.396

■ 51, 4.143, 206.617

Harmonies

Complementary

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



44, 26.099, 208.811



26, 53.612, 38.048

Rectangle

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



44, 26.099, 208.811



44, 26.099, 258.811



44, 26.099, 28.811



44, 26.099, 78.811

Sweetspot

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



44, 26.098, 208.810



62, 14.133, 206.303



45, 65.557, 137.707



32, 9.501, 206.289



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



44, 26.098, 208.810



56, 32.128, 210.328



27, 41.246, 284.341



25, 2.495, 206.624



44, 26.804, 209.981



84, 44.941, 210.795

Inverse Universe

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



29, 61.589, 331.217



37, 76.806, 331.714



37, 44.569, 69.753



24, 4.664, 327.179



28, 64.058, 331.629



59, 107.476, 331.829

Previews

White Background



This preview shows how the CIE LCh color 44, 26.099, 208.811 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, 26.099, 208.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

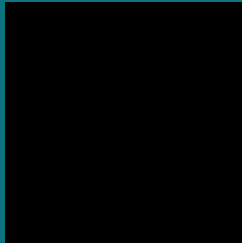
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 26.099, 208.811

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.099, 208.811.



This preview shows how white text looks on a background with the CIELCh color 44, 26.099, 208.811.

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, 26.099, 208.811

Protanopia

44, 7.801, 288.420

Deuteranopia

44, 15.635, 293.753



Tritanopia
44, 26.028, 208.851

Trichromacy



Original Color
44, 26.099, 208.811

Protanomaly
43, 14.593, 228.020

Deuteranomaly
43, 16.743, 244.778

Tritanomaly
44, 26.028, 208.851

Monochromacy



Original Color
44, 26.099, 208.811

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 13.644, 205.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 26.099, 208.811 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(13, 115, 124)` looks like.

```
.text, #text, p{  
    color:rgb(13, 115, 124)  
}
```

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(13, 115, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 115, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.099, 208.811 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(13, 115, 124) }
```

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

```
.border{ border-color:rgb(13, 115, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 115, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 115, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 115, 124);  
box-shadow:4px 4px 4px 4px rgb(13, 115,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.099, 208.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 115, 124) }
```

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

```
.background{ background-color: rgb(13, 115,  
124) }
```

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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