

Converting Colors

CIELCh(44, 26.701, 233.054)

Have a look what the booklet for
CIELCh(44, 26.701, 233.054)
contains.

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Color

CIELCh(44, 26.765, 233.426)

Conversions

Conversions Part 1

Format	Color
Hex	14718B
RGB	20, 113, 139
RGB Percent	8%, 44%, 55%
CMY	0.9211, 0.5566, 0.4547
CMYK	0.86, 0.19, 0.00, 0.45
HSL	193°, 75%, 31%
HSV	193°, 86%, 55%
XYZ	10.8665, 13.8382, 26.5464
YIQ	88.1570, -63.7740, -11.6300

Conversions

Conversions Part 2

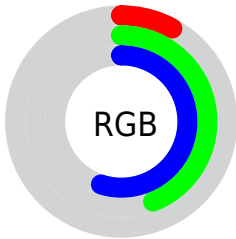
Format	Color
R _Y B	20, 72, 139
Decimal	1339787
CIE Lab	44.00, -15.95, -21.49
CIE LCh	44, 26.765, 233.426
Yxy	13.8382, 0.2120, 0.2700
Android (android.graphics.Color)	4279529867 (0xFF14718B)
YUV	88.1570, 25.0656, -59.7737
Hunter-Lab	37.1997, -12.9575, -16.2705

Details

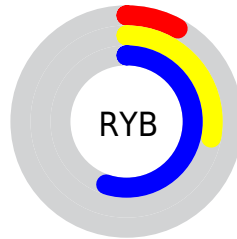
The CIELCh color **44, 26.765, 233.426** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 52.848, 43.628**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 26.824, 233.820**, and **25, 21.244, 246.377** is the 20% darker color. If you saturate the color by 10%, you get **43, 27.776, 236.938**, and if you desaturate by 10%, it is **45, 25.336, 230.505**.

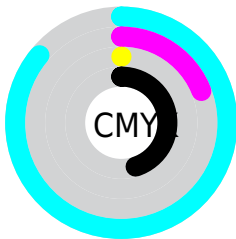
Distribution



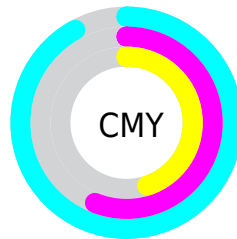
- Red (8%)
- Green (44%)
- Blue (55%)



- Red (8%)
- Yellow (28%)
- Blue (55%)



- Cyan (86%)
- Magenta (19%)
- Yellow (0%)
- Black (45%)



- Cyan (92%)
- Magenta (56%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 26.765, 233.426 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, 26.765, 233.426 by changing the saturation by 10% instead.


 44, 26.765,
233.426

 44, 26.765,
233.426

 100, 26.765,
233.426

 34, 26.765,
233.426

 64, 26.765,
233.426

 24, 26.765,
233.426

 74, 26.765,
233.426

 14, 26.765,
233.426

 84, 26.765,
233.426

 4, 26.765, 233.426

 94, 26.765,
233.426

 0, 26.765, 233.426

 44, 26.765,

 44, 26.765,

233.426

233.426

■ 43, 27.776,
236.938

■ 45, 25.336,
230.505

■ 42, 28.209,
238.538

■ 47, 23.410,
228.156

■ 48, 20.971,
226.303

■ 50, 18.042,
224.863

■ 51, 14.670,
223.764

■ 53, 10.912,
222.941

■ 55, 6.833, 222.347

■ 57, 2.492, 222.007

Harmonies

Complementary

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



44, 26.765, 233.426



33, 52.848, 43.628

Rectangle

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



44, 26.765, 233.426



44, 26.765, 283.426



44, 26.765, 53.426



44, 26.765, 103.426

Sweetspot

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



44, 26.764, 233.426



68, 13.741, 223.015



50, 64.245, 141.605



35, 9.294, 223.247



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



44, 26.764, 233.426



55, 34.357, 239.539



26, 55.345, 293.816



28, 2.504, 222.086



40, 27.236, 238.332



1, 1.187, 221.673

Inverse Universe

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



32, 60.037, 337.462



41, 75.499, 339.293



47, 48.761, 83.541



27, 4.673, 331.715



29, 60.329, 338.941



0, 2.155, 331.185

Previews

White Background



This preview shows how the CIE LCh color 44, 26.765, 233.426 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, 26.765, 233.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

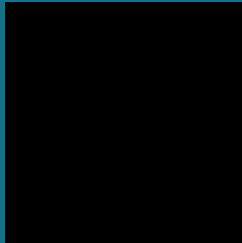
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 26.765, 233.426

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.765, 233.426.

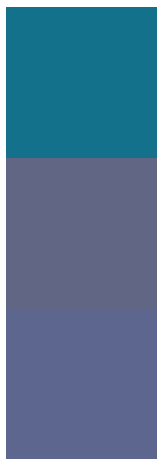


This preview shows how white text looks on a background with the CIELCh color 44, 26.765, 233.426.

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, 26.765, 233.426

Protanopia

44, 17.482, 285.506

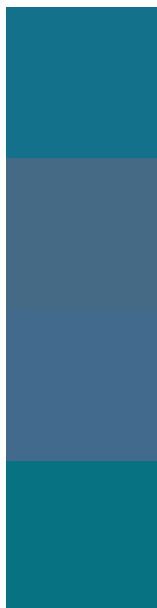
Deuteranopia

44, 24.109, 285.407



Tritanopia
44, 26.883, 208.379

Trichromacy



Original Color
44, 26.765, 233.426

Protanomaly
43, 20.332, 255.077

Deuteranomaly
43, 23.811, 261.507

Tritanomaly
44, 26.301, 217.147

Monochromacy



Original Color
44, 26.765, 233.426

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 13.425, 225.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 26.765, 233.426 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(20, 113, 139)` looks like.

```
.text, #text, p{  
    color:rgb(20, 113, 139)  
}
```

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(20, 113, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 113, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.765, 233.426 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(20, 113, 139) }
```

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

```
.border{ border-color:rgb(20, 113, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 113, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 113, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 113, 139);  
box-shadow:4px 4px 4px 4px rgb(20, 113,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.765, 233.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 113, 139) }
```

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

```
.background{ background-color: rgb(20, 113,  
139) }
```

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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