

Converting Colors

CIELCh(44, 15.889, 248.685)

Have a look what the booklet for
CIELCh(44, 15.889, 248.685)
contains.

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Color

CIELCh(44, 15.725, 248.644)

Conversions

Conversions Part 1

Format	Color
Hex	4D6C80
RGB	77, 108, 128
RGB Percent	30%, 42%, 50%
CMY	0.6984, 0.5768, 0.4984
CMYK	0.40, 0.16, 0.00, 0.50
HSL	204°, 25%, 40%
HSV	204°, 40%, 50%
XYZ	12.2983, 13.8382, 22.4155
YIQ	101.0110, -24.8960, -0.3520

Conversions

Conversions Part 2

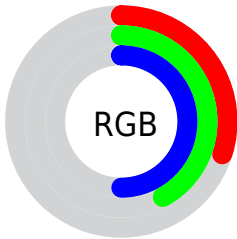
Format	Color
R_{YB}	77, 96, 128
Decimal	5074048
CIE _{Lab}	44.00, -5.73, -14.65
CIE _{LCh}	44, 15.725, 248.644
Yxy	13.8382, 0.2533, 0.2850
Android (android.graphics.Color)	4283264128 (0xFF4D6C80)
YUV	101.0110, 13.3056, -21.0576
Hunter-Lab	37.1997, -6.0871, -9.6866

Details

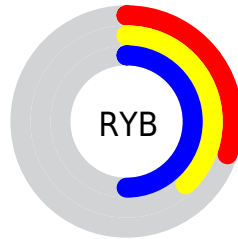
The CIELCh color $44, 15.725, 248.644$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $44, 18.916, 59.248$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 15.867, 249.799$, and $24, 15.685, 248.224$ is the 20% darker color. If you saturate the color by 10%, you get $42, 19.226, 250.889$, and if you desaturate by 10%, it is $46, 12.017, 246.791$.

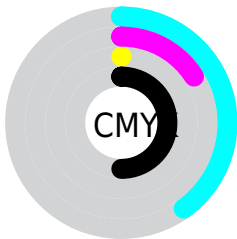
Distribution



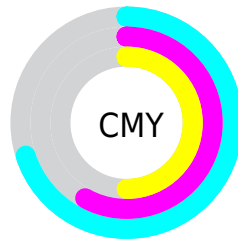
- Red (30%)
- Green (42%)
- Blue (50%)



- Red (30%)
- Yellow (38%)
- Blue (50%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (58%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 15.725, 248.644 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, 15.725, 248.644 by changing the saturation by 10% instead.


 44, 15.725,
248.644


 44, 15.725,
248.644


 100, 15.725,
248.644


 34, 15.725,
248.644

 64, 15.725,
248.644

 24, 15.725,
248.644

 74, 15.725,
248.644

 14, 15.725,
248.644

 84, 15.725,
248.644

 4, 15.725, 248.644

 94, 15.725,
248.644

 0, 15.725, 248.644

 44, 15.725,

 44, 15.725,

248.644

248.644

■ 42, 19.226,
250.889

■ 46, 12.017,
246.791

■ 40, 22.505,
253.602

■ 49, 8.132, 245.274

■ 37, 25.561,
256.842

■ 51, 4.099, 244.049

■ 54, 0.052, 56.658

■ 35, 28.425,
260.643

■ 56, 4.291, 61.975

■ 34, 31.157,
264.986

■ 59, 8.595, 61.280

■ 61, 12.943, 60.675

■ 32, 33.918,
269.462

■ 64, 17.317, 60.155

■ 32, 33.956,
269.518

■ 66, 21.704, 59.709

Harmonies

Complementary

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



44, 15.725, 248.644



44, 18.916, 59.248

Rectangle

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



44, 15.725, 248.644



44, 15.725, 298.644



44, 15.725, 68.644



44, 15.725, 118.644

Sweetspot

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



44, 15.724, 248.642



64, 6.140, 244.317



49, 27.252, 154.375



33, 4.098, 244.438



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 15.724, 248.642



54, 22.914, 250.703



37, 27.906, 290.457



26, 2.337, 243.968



32, 33.868, 269.500



0, 0.000, 0.000

Inverse Universe

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



40, 27.708, 341.518



48, 40.827, 342.476



51, 25.948, 100.828



25, 3.872, 338.877



27, 52.764, 351.201



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 15.725, 248.644 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, 15.725, 248.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

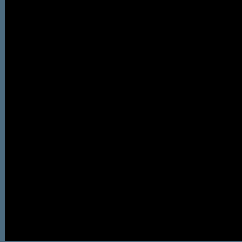
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

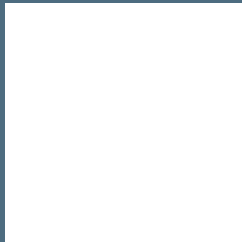
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 15.725, 248.644

Background



This preview shows how black text looks on a background with the CIELCh color 44, 15.725, 248.644.

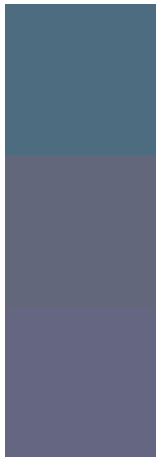


This preview shows how white text looks on a background with the CIELCh color 44, 15.725, 248.644.

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, 15.725, 248.644

Protanopia

44, 12.647, 285.134

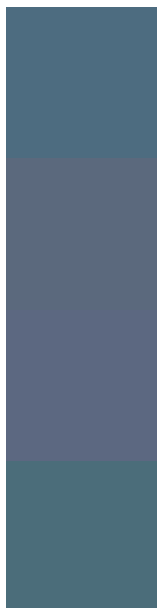
Deuteranopia

44, 16.195, 291.148



Tritanopia
44, 13.600, 218.856

Trichromacy



Original Color
44, 15.725, 248.644

Protanomaly
44, 12.876, 268.349

Deuteranomaly
44, 15.460, 275.997

Tritanomaly
44, 14.045, 232.217

Monochromacy



Original Color
44, 15.725, 248.644

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 6.206, 241.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 15.725, 248.644 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(77, 108, 128)` looks like.

```
.text, #text, p{  
    color:rgb(77, 108, 128)  
}
```

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(77, 108, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 108, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 15.725, 248.644 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(77, 108, 128) }
```

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

```
.border{ border-color:rgb(77, 108, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 108, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 108, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 108, 128);  
box-shadow:4px 4px 4px 4px rgb(77, 108,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 15.725, 248.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 108, 128) }
```

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

```
.background{ background-color: rgb(77, 108,  
128) }
```

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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