

Converting Colors

CIELCh(44, 18.132, 167.587)

Have a look what the booklet for
CIELCh(44, 18.132, 167.587)
contains.

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Color

CIELCh(44, 18.132, 167.587)

Conversions

Conversions Part 1

Format	Color
Hex	487061
RGB	72, 112, 97
RGB Percent	28%, 44%, 38%
CMY	0.7175, 0.5606, 0.6195
CMYK	0.36, 0.00, 0.13, 0.56
HSL	157°, 22%, 36%
HSV	157°, 36%, 44%
XYZ	10.6318, 13.8382, 13.4277
YIQ	98.3300, -19.0250, -13.1450

Conversions

Conversions Part 2

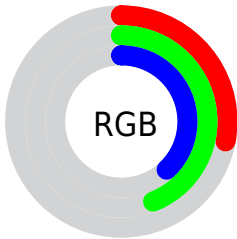
Format	Color
RYB	72, 97, 112
Decimal	4747361
CIELab	44.00, -17.71, 3.90
CIELCh	44, 18.132, 167.587
Yxy	13.8382, 0.2805, 0.3651
Android (android.graphics.Color)	4282937441 (0xFF487061)
YUV	98.3300, -0.6557, -23.0914
Hunter-Lab	37.1997, -14.0837, 4.6383

Details

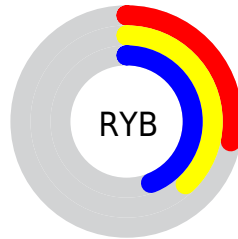
The CIELCh color $44, 18.132, 167.587$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $36, 19.535, 354.660$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 18.052, 168.196$, and $24, 17.988, 167.771$ is the 20% darker color. If you saturate the color by 10%, you get $43, 22.809, 166.412$, and if you desaturate by 10%, it is $45, 13.217, 168.652$.

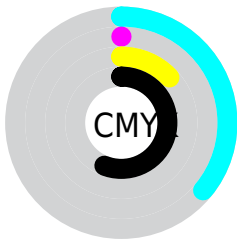
Distribution



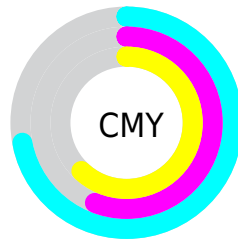
- Red (28%)
- Green (44%)
- Blue (38%)



- Red (28%)
- Yellow (38%)
- Blue (44%)



- Cyan (36%)
- Magenta (0%)
- Yellow (13%)
- Black (56%)



- Cyan (72%)
- Magenta (56%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 18.132, 167.587 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, 18.132, 167.587 by changing the saturation by 10% instead.


 44, 18.132,
167.587


 44, 18.132,
167.587


 100, 18.132,
167.587

 34, 18.132,
167.587

 64, 18.132,
167.587


 24, 18.132,
167.587

 74, 18.132,
167.587

 14, 18.132,
167.587


 84, 18.132,
167.587

 4, 18.132, 167.587

 94, 18.132,
167.587

 0, 18.132, 167.587

 44, 18.132,

 44, 18.132,

167.587

167.587

■ 43, 22.809,
166.412

■ 45, 13.217,
168.652

■ 43, 27.168,
165.112

■ 46, 8.138, 169.636

■ 42, 31.136,
163.662

■ 47, 2.966, 170.593

■ 48, 2.241, 351.191

■ 42, 34.655,
162.042

■ 49, 7.435, 352.058

■ 42, 37.694,
160.237

■ 50, 12.579,
352.803

■ 41, 40.309,
158.291

■ 51, 17.645,
353.499

■ 41, 41.414,
157.507

■ 53, 22.613,
354.157

■ 54, 27.471,
354.782

Harmonies

Complementary

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



44, 18.132, 167.587



36, 19.535, 354.660

Rectangle

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



44, 18.132, 167.587



44, 18.132, 217.587



44, 18.132, 347.587



44, 18.132, 37.587

Sweetspot

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



44, 18.133, 167.585



59, 7.071, 170.054



44, 25.854, 131.471



30, 4.786, 169.959



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



44, 18.133, 167.585



56, 26.648, 166.606



43, 13.112, 210.447



23, 2.926, 170.270



44, 43.593, 157.326



87, 76.310, 155.941

Inverse Universe

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



36, 19.535, 354.660



43, 29.205, 355.853



36, 16.754, 31.566



22, 2.982, 351.696



24, 48.542, 11.860



53, 83.586, 15.172

Previews

White Background



This preview shows how the CIELCh color 44, 18.132, 167.587 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, 18.132, 167.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

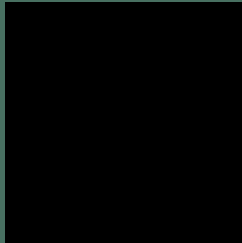
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 18.132, 167.587

Background



This preview shows how black text looks on a background with the CIELCh color 44, 18.132, 167.587.



This preview shows how white text looks on a background with the CIELCh color 44, 18.132, 167.587.

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, 18.132, 167.587

Protanopia

44, 6.908, 91.006

Deuteranopia

44, 6.366, 20.167



Tritanopia
44, 12.600, 223.760

Trichromacy



Original Color
44, 18.132, 167.587

Protanomaly
44, 8.567, 141.631

Deuteranomaly
43, 3.662, 144.231

Tritanomaly
44, 13.050, 197.922

Monochromacy



Original Color
44, 18.132, 167.587

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.502, 170.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 18.132, 167.587 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(72, 112, 97)` looks like.

```
.text, #text, p{  
    color:rgb(72, 112, 97)  
}
```

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(72, 112, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 112, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 18.132, 167.587 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(72, 112, 97) }
```

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

```
.border{ border-color:rgb(72, 112, 97) }
```

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

Here you see how a box with a 4 pixel rgb(72, 112, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 112, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 112, 97);  
box-shadow:4px 4px 4px 4px rgb(72, 112,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 18.132, 167.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 112, 97) }
```

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

```
.background{ background-color: rgb(72, 112,  
97) }
```

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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