

Converting Colors

CIELCh(46, 6.887, 220.895)

Have a look what the booklet for
CIELCh(46, 6.887, 220.895) contains.

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Color

CIELCh(46, 6.916, 218.937)

Conversions

Conversions Part 1

Format	Color
Hex	5F7074
RGB	95, 112, 116
RGB Percent	37%, 44%, 45%
CMY	0.6276, 0.5610, 0.5453
CMYK	0.18, 0.03, 0.00, 0.55
HSL	191°, 10%, 41%
HSV	191°, 18%, 45%
XYZ	13.6535, 15.2687, 18.7365
YIQ	107.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

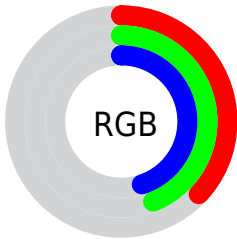
Format	Color
R_{YB}	95, 104, 116
Decimal	6254708
CIE _{Lab}	46.00, -5.38, -4.35
CIE _{LCh}	46, 6.916, 218.937
Yxy	15.2687, 0.2865, 0.3204
Android (android.graphics.Color)	4284444788 (0xFF5F7074)
YUV	107.3730, 4.2531, -10.8511
Hunter-Lab	39.0751, -6.0105, -1.0769

Details

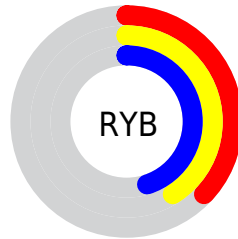
The CIELCh color **46, 6.916, 218.937** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 7.742, 38.143**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 6.891, 217.743**, and **26, 6.990, 220.594** is the 20% darker color. If you saturate the color by 10%, you get **45, 10.410, 219.396**, and if you desaturate by 10%, it is **48, 3.178, 218.659**.

Distribution



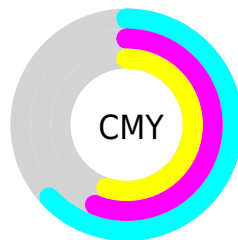
- Red (37%)
- Green (44%)
- Blue (45%)



- Red (37%)
- Yellow (41%)
- Blue (45%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (55%)



- Cyan (63%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 6.916, 218.937 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 46, 6.916, 218.937 by changing the saturation by 10% instead.

■ 46, 6.916, 218.937

■ 46, 6.916, 218.937

■ 100, 6.916,
218.937

■ 36, 6.916, 218.937

■ 66, 6.916, 218.937

■ 26, 6.916, 218.937

■ 76, 6.916, 218.937

■ 16, 6.916, 218.937

■ 86, 6.916, 218.937

■ 6, 6.916, 218.937

■ 96, 6.916, 218.937

■ 0, 6.916, 218.937

■ 46, 6.916, 218.937

■ 46, 6.916, 218.937

■ 45, 10.410,
219.396

■ 48, 3.178, 218.659

■ 43, 13.605,

■ 49, 0.755, 37.851

220.069

51, 4.840, 38.146

42, 16.445,
220.988

52, 9.038, 38.143

41, 18.881,
222.209

54, 13.319, 38.175

39, 20.872,
223.796

56, 17.656, 38.244

38, 22.398,
225.819

60, 26.422, 38.467

37, 23.471,
228.347

62, 30.821, 38.606

37, 24.242,
231.257

36, 24.393,
231.794

Harmonies

Complementary

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



46, 6.916, 218.937



43, 7.742, 38.143

Rectangle

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



46, 6.916, 218.937



46, 6.916, 268.937



46, 6.916, 38.937



46, 6.916, 88.937

Sweetspot

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



46, 6.916, 218.928



61, 2.443, 218.651



47, 13.371, 148.792



32, 1.677, 218.646



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



46, 6.916, 218.928



58, 10.266, 219.113



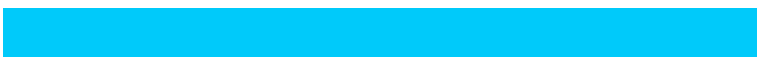
43, 8.944, 274.821



24, 2.222, 218.673



38, 25.363, 232.023



76, 43.151, 234.248

Inverse Universe

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



43, 13.349, 331.255



53, 20.099, 331.532



46, 8.945, 90.272



23, 4.169, 330.693



27, 58.185, 337.185



57, 97.897, 337.791

Previews

White Background



This preview shows how the CIELCh color 46, 6.916, 218.937 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 46, 6.916, 218.937 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

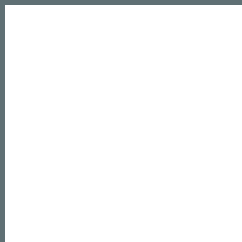
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 46, 6.916, 218.937

Background



This preview shows how black text looks on a background with the CIELCh color 46, 6.916, 218.937.



This preview shows how white text looks on a background with the CIELCh color 46, 6.916, 218.937.

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

46, 6.916, 218.937

Protanopia

46, 3.600, 297.072

Deuteranopia

46, 7.511, 319.733



Tritanopia
46, 7.710, 243.082

Trichromacy



Original Color

46, 6.916, 218.937

Protanomaly

46, 4.045, 261.436

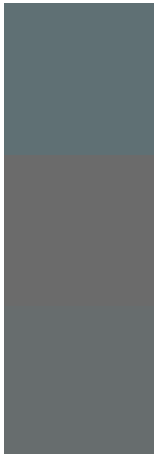
Deuteranomaly

46, 5.356, 290.926

Tritanomaly

46, 7.343, 239.463

Monochromacy



Original Color

46, 6.916, 218.937

Achromatopsia

45, 0.006, 296.813

Achromatomaly

46, 2.473, 213.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 6.916, 218.937 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(95, 112, 116)` looks like.

```
.text, #text, p{  
    color:rgb(95, 112, 116)  
}
```

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(95, 112, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 112, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 6.916, 218.937 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(95, 112, 116) }
```

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

```
.border{ border-color:rgb(95, 112, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 112, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 112, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 112, 116);  
box-shadow:4px 4px 4px 4px rgb(95, 112,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 6.916, 218.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 112, 116) }
```

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

```
.background{ background-color: rgb(95, 112,  
116) }
```

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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