

Converting Colors

CIELCh(46, 24.227, 114.614)

Have a look what the booklet for
CIELCh(46, 24.227, 114.614)
contains.

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Color

CIELCh(46, 24.053, 114.387)

Conversions

Conversions Part 1

Format	Color
Hex	6A7148
RGB	106, 113, 72
RGB Percent	42%, 44%, 28%
CMY	0.5853, 0.5578, 0.7186
CMYK	0.06, 0.00, 0.36, 0.56
HSL	70°, 22%, 36%
HSV	70°, 36%, 44%
XYZ	12.9538, 15.2687, 8.3554
YIQ	106.2330, 8.9890, -14.2350

Conversions

Conversions Part 2

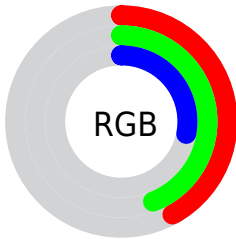
Format	Color
RYB	72, 113, 79
Decimal	6975816
CIELab	46.00, -9.93, 21.91
CIELCh	46, 24.053, 114.387
Yxy	15.2687, 0.3541, 0.4174
Android (android.graphics.Color)	4285165896 (0xFF6A7148)
YUV	106.2330, -16.8769, -0.2043
Hunter-Lab	39.0751, -9.2068, 14.6747

Details

The CIELCh color **46, 24.053, 114.387** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **33, 26.078, 300.007**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 24.212, 114.484**, and **26, 24.031, 113.892** is the 20% darker color. If you saturate the color by 10%, you get **46, 30.360, 113.744**, and if you desaturate by 10%, it is **46, 17.550, 115.069**.

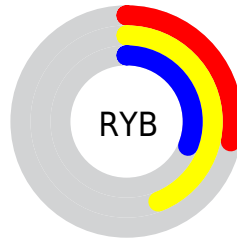
Distribution



Red (42%)

Green (44%)

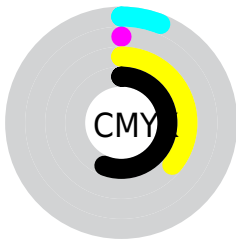
Blue (28%)



Red (28%)

Yellow (44%)

Blue (31%)

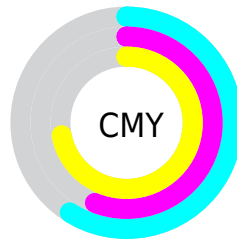


Cyan (6%)

Magenta (0%)

Yellow (36%)

Black (56%)



Cyan (59%)

Magenta (56%)

Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 24.053, 114.387 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, 24.053, 114.387 by changing the saturation by 10% instead.

 46, 24.053,
114.387


 46, 24.053,
114.387


 100, 24.053,
114.387

 36, 24.053,
114.387

 66, 24.053,
114.387


 26, 24.053,
114.387

 76, 24.053,
114.387

 16, 24.053,
114.387

 86, 24.053,
114.387

 6, 24.053, 114.387

 96, 24.053,
114.387

 0, 24.053, 114.387

 46, 24.053,

 46, 24.053,

114.387

114.387

■ 46, 30.360,
113.744

■ 46, 17.550,
115.069

■ 45, 36.348,
113.167

■ 47, 10.930,
115.759

■ 45, 41.842,
112.704

■ 47, 4.250, 116.443

■ 45, 46.602,
112.418

■ 48, 2.454, 297.109

■ 48, 9.153, 297.751

■ 45, 50.349,
112.381

■ 49, 15.831,
298.363

■ 44, 53.058,
112.598

■ 49, 22.470,
298.944

■ 44, 54.042,
112.666

■ 50, 29.062,
299.490

■ 51, 35.598,

Harmonies

Complementary

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



46, 24.053, 114.387



33, 26.078, 300.007

Rectangle

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



46, 24.053, 114.387



46, 24.053, 164.387



46, 24.053, 294.387



46, 24.053, 344.387

Sweetspot

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



46, 24.054, 114.390



60, 9.064, 116.107



37, 16.576, 36.111



31, 6.137, 116.038



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



46, 24.054, 114.390



58, 35.544, 113.821



44, 26.843, 133.031



23, 3.749, 116.263



47, 56.461, 112.727



92, 96.617, 113.258

Inverse Universe

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



33, 26.078, 300.007



38, 39.484, 301.004



35, 27.643, 316.152



21, 3.822, 297.506



13, 75.401, 307.270



32, 129.441, 306.926

Previews

White Background



This preview shows how the CIELCh color 46, 24.053, 114.387 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 46, 24.053, 114.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

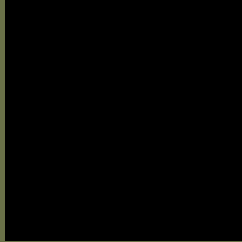
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 24.053, 114.387

Background



This preview shows how black text looks on a background with the CIELCh color 46, 24.053, 114.387.



This preview shows how white text looks on a background with the CIELCh color 46, 24.053, 114.387.

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, 24.053, 114.387

Protanopia

46, 23.218, 96.625

Deuteranopia

46, 21.680, 73.815



Tritanopia
46, 5.615, 307.440

Trichromacy



Original Color
46, 24.053, 114.387

Protanomaly
46, 22.864, 102.353

Deuteranomaly
46, 21.088, 89.494

Tritanomaly
46, 5.327, 109.423

Monochromacy



Original Color
46, 24.053, 114.387

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 8.349, 114.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 24.053, 114.387 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(106, 113, 72)` looks like.

```
.text, #text, p{  
    color:rgb(106, 113, 72)  
}
```

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(106, 113, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 113, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 24.053, 114.387 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(106, 113, 72) }
```

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

```
.border{ border-color:rgb(106, 113, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 113, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 113, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 113, 72);  
box-shadow:4px 4px 4px 4px rgb(106, 113,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 24.053, 114.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 113, 72) }
```

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

```
.background{ background-color: rgb(106,  
113, 72) }
```

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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