

Converting Colors

CIELCh(44, 18.715, 78.074)

Have a look what the booklet for
CIELCh(44, 18.715, 78.074) contains.

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Color

CIELCh(44, 18.679, 78.146)

Conversions

Conversions Part 1

Format	Color
Hex	79654A
RGB	121, 101, 74
RGB Percent	47%, 40%, 29%
CMY	0.5259, 0.6043, 0.7102
CMYK	0.00, 0.17, 0.39, 0.53
HSL	34°, 24%, 38%
HSV	34°, 39%, 47%
XYZ	13.7470, 13.8382, 8.4080
YIQ	103.9020, 20.5870, -4.1570

Conversions

Conversions Part 2

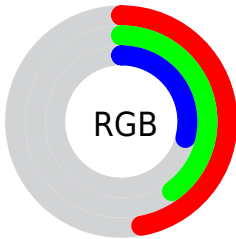
Format	Color
RYB	109, 121, 74
Decimal	7955786
CIELab	44.00, 3.84, 18.28
CIELCh	44, 18.679, 78.146
Yxy	13.8382, 0.3819, 0.3845
Android (android.graphics.Color)	4286145866 (0xFF79654A)
YUV	103.9020, -14.7417, 14.9949
Hunter-Lab	37.1997, 0.8641, 12.6389

Details

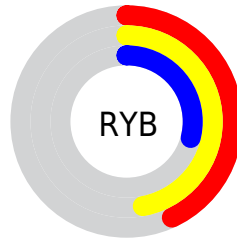
The CIELCh color **44, 18.679, 78.146** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **39, 17.639, 269.341**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 18.635, 78.701**, and **24, 18.359, 77.156** is the 20% darker color. If you saturate the color by 10%, you get **42, 23.838, 76.825**, and if you desaturate by 10%, it is **46, 13.651, 79.447**.

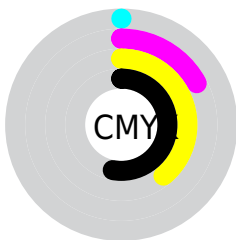
Distribution



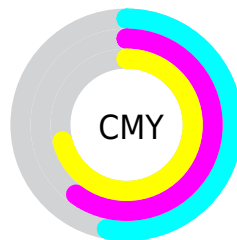
- Red (47%)
- Green (40%)
- Blue (29%)



- Red (43%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (39%)
- Black (53%)





















- Cyan (53%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 18.679, 78.146 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, 18.679, 78.146 by changing the saturation by 10% instead.

 44, 18.679, 78.146	 44, 18.679, 78.146
 100, 18.679, 78.146	 34, 18.679, 78.146
 64, 18.679, 78.146	 24, 18.679, 78.146
 74, 18.679, 78.146	 14, 18.679, 78.146
 84, 18.679, 78.146	 4, 18.679, 78.146
 94, 18.679, 78.146	 0, 18.679, 78.146

 44, 18.679, 78.146	 44, 18.679, 78.146
 42, 23.838, 76.825	 46, 13.651, 79.447
 41, 29.074, 75.457	 47, 8.775, 80.708

■ 39, 34.271, 74.018

■ 49, 4.055, 81.918

■ 38, 39.206, 72.441

■ 51, 0.516, 263.588

■ 36, 43.494, 70.592

■ 53, 4.947, 264.379

■ 35, 47.262, 68.629

■ 55, 9.251, 265.478

■ 35, 47.756, 68.458

■ 56, 13.439,
266.545

■ 58, 17.524,
267.569

■ 60, 21.515,
268.546

Harmonies

Complementary

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



44, 18.679, 78.146



39, 17.639, 269.341

Rectangle

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



44, 18.679, 78.146



44, 18.679, 128.146



44, 18.679, 258.146



44, 18.679, 308.146

Sweetspot

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



44, 18.679, 78.152



62, 6.875, 81.512



37, 23.312, 351.331



32, 4.543, 81.395



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 18.679, 78.152



55, 28.530, 76.917



49, 26.948, 109.605



25, 2.603, 81.894



36, 48.914, 68.331



70, 82.739, 66.323

Inverse Universe

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



39, 17.639, 269.341



48, 26.576, 271.499



34, 29.586, 297.069



24, 2.577, 264.242



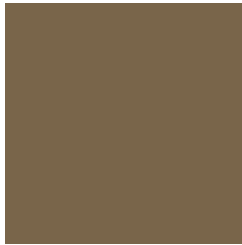
24, 47.484, 289.072



49, 84.505, 291.385

Previews

White Background



This preview shows how the CIELCh color 44, 18.679, 78.146 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, 18.679, 78.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

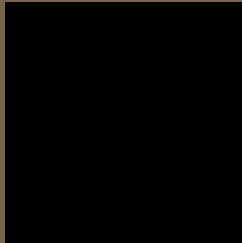
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 18.679, 78.146

Background



This preview shows how black text looks on a background with the CIELCh color 44, 18.679, 78.146.



This preview shows how white text looks on a background with the CIELCh color 44, 18.679, 78.146.

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, 18.679, 78.146

Protanopia

44, 17.594, 95.696

Deuteranopia

44, 19.268, 72.629



Tritanopia

44, 12.122, 0.987

Trichromacy



Original Color
44, 18.679, 78.146

Protanomaly
44, 17.558, 89.502

Deuteranomaly
44, 18.985, 73.755

Tritanomaly
44, 11.402, 35.764

Monochromacy



Original Color
44, 18.679, 78.146

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 6.686, 82.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 18.679, 78.146 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(121, 101, 74)` looks like.

```
.text, #text, p{  
    color:rgb(121, 101, 74)  
}
```

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(121, 101, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 101, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 18.679, 78.146 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(121, 101, 74) }
```

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

```
.border{ border-color:rgb(121, 101, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 101, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 101, 74); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 101, 74); box-shadow:4px 4px 4px 4px rgb(121, 101, 74) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 18.679, 78.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 101, 74) }
```

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

```
.background{ background-color: rgb(121,  
101, 74) }
```

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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