

Converting Colors

CIELCh(46, 55.093, 26.255)

Have a look what the booklet for
CIELCh(46, 55.093, 26.255) contains.

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Color

CIELCh(46, 54.983, 26.402)

Conversions

Conversions Part 1

Format	Color
Hex	BD4347
RGB	189, 67, 71
RGB Percent	74%, 26%, 28%
CMY	0.2591, 0.7375, 0.7218
CMYK	0.00, 0.65, 0.62, 0.26
HSL	358°, 48%, 50%
HSV	358°, 65%, 74%
XYZ	24.1049, 15.2687, 7.6278
YIQ	103.9340, 71.4280, 27.1080

Conversions

Conversions Part 2

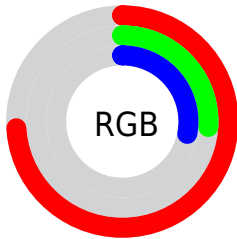
Format	Color
RYB	189, 67, 71
Decimal	12403527
CIELab	46.00, 49.25, 24.45
CIElCh	46, 54.983, 26.402
Yxy	15.2687, 0.5129, 0.3249
Android (android.graphics.Color)	4290593607 (0xFFBD4347)
YUV	103.9340, -16.2365, 74.6029
Hunter-Lab	39.0751, 41.7328, 15.7786

Details

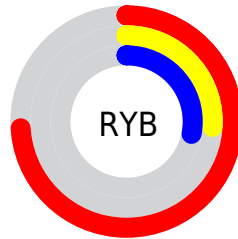
The CIELCh color **46, 54.983, 26.402** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **70, 34.983, 193.093**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 54.894, 26.670**, and **26, 54.653, 26.284** is the 20% darker color. If you saturate the color by 10%, you get **43, 64.003, 29.723**, and if you desaturate by 10%, it is **50, 45.666, 23.723**.

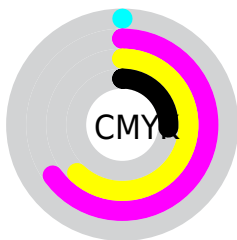
Distribution



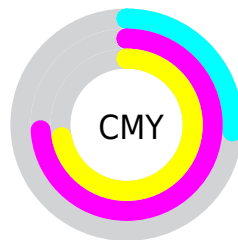
- Red (74%)
- Green (26%)
- Blue (28%)



- Red (74%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (65%)
- Yellow (62%)
- Black (26%)



- Cyan (26%)
- Magenta (74%)
- Yellow (72%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 54.983, 26.402 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, 54.983, 26.402 by changing the saturation by 10% instead.

 46, 54.983, 26.402

 46, 54.983, 26.402

 100, 54.983,
26.402

 36, 54.983, 26.402

 66, 54.983, 26.402

 26, 54.983, 26.402

 76, 54.983, 26.402

 16, 54.983, 26.402

 86, 54.983, 26.402

 6, 54.983, 26.402

 96, 54.983, 26.402

 0, 54.983, 26.402

 46, 54.983, 26.402

 46, 54.983, 26.402

 43, 64.003, 29.723

 50, 45.666, 23.723

 41, 72.322, 33.538

 54, 36.377, 21.624

40, 79.171, 37.245

59, 27.364, 19.996

39, 82.023, 38.714

64, 18.792, 18.726

69, 10.745, 17.718

74, 3.248, 16.822

80, 3.716, 196.496

85, 10.183,
195.894

90, 16.200,
195.451

Harmonies

Complementary

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



46, 54.983, 26.402



70, 34.983, 193.093

Rectangle

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



46, 54.983, 26.402



46, 54.983, 76.402



46, 54.983, 206.402



46, 54.983, 256.402

Sweetspot

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



46, 54.980, 26.405



84, 17.600, 18.169



49, 74.997, 326.535



43, 12.234, 18.464



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



46, 54.980, 26.405



55, 81.586, 31.082



58, 45.378, 64.128



37, 4.096, 17.259



32, 71.536, 38.335



3, 12.264, 17.512

Inverse Universe

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



46, 54.980, 26.405



55, 81.586, 31.082



53, 36.057, 265.532



37, 4.096, 17.259



32, 71.536, 38.335



3, 12.264, 17.512

Previews

White Background



This preview shows how the CIELCh color 46, 54.983, 26.402 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, 54.983, 26.402 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, 54.983, 26.402

Background



This preview shows how black text looks on a background with the CIELCh color 46, 54.983, 26.402.



This preview shows how white text looks on a background with the CIELCh color 46, 54.983, 26.402.

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, 54.983, 26.402

Protanopia

46, 12.202, 93.915

Deuteranopia

46, 27.261, 77.722



Tritanopia
46, 54.983, 26.402

Trichromacy



Original Color
46, 54.983, 26.402

Protanomaly
45, 23.863, 39.179

Deuteranomaly
45, 33.611, 47.026

Tritanomaly
46, 54.983, 26.402

Monochromacy



Original Color
46, 54.983, 26.402

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 19.452, 20.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 54.983, 26.402 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(189, 67, 71)` looks like.

```
.text, #text, p{  
    color:rgb(189, 67, 71)  
}
```

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(189, 67, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 67, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 54.983, 26.402 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(189, 67, 71) }
```

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

```
.border{ border-color:rgb(189, 67, 71) }
```

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

Here you see how a box with a 4 pixel rgb(189, 67, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 67, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 67, 71);  
box-shadow:4px 4px 4px 4px rgb(189, 67,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 54.983, 26.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 67, 71) }
```

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

```
.background{ background-color: rgb(189, 67,  
71) }
```

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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