

Converting Colors

CIELCh(50, 74.077, 26.751)

Have a look what the booklet for
CIELCh(50, 74.077, 26.751) contains.

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Color

CIELCh(50, 74.111, 26.619)

Conversions

Conversions Part 1

Format	Color
Hex	E03143
RGB	224, 49, 67
RGB Percent	88%, 19%, 26%
CMY	0.1220, 0.8083, 0.7376
CMYK	0.00, 0.78, 0.70, 0.12
HSL	354°, 74%, 53%
HSV	354°, 78%, 88%
XYZ	32.8079, 18.4187, 7.1231
YIQ	103.3770, 98.5220, 42.6980

Conversions

Conversions Part 2

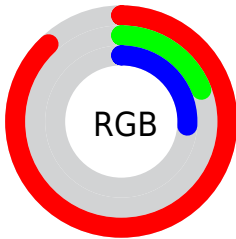
Format	Color
RYB	224, 49, 67
Decimal	14692675
CIELab	50.00, 66.26, 33.21
CIELCh	50, 74.111, 26.619
Yxy	18.4187, 0.5623, 0.3157
Android (android.graphics.Color)	4292882755 (0xFFE03143)
YUV	103.3770, -17.9339, 105.7864
Hunter-Lab	42.9170, 61.3498, 20.2013

Details

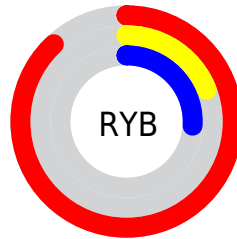
The CIELCh color **50, 74.111, 26.619** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **81, 46.365, 184.222**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 60.764, 24.804**, and **33, 67.756, 32.436** is the 20% darker color. If you saturate the color by 10%, you get **48, 82.327, 31.087**, and if you desaturate by 10%, it is **53, 64.931, 22.772**.

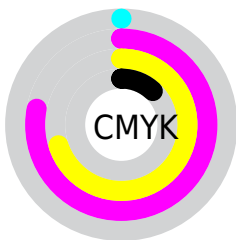
Distribution



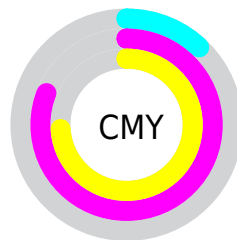
- Red (88%)
- Green (19%)
- Blue (26%)



- Red (88%)
- Yellow (19%)
- Blue (26%)



- Cyan (0%)
- Magenta (78%)
- Yellow (70%)
- Black (12%)



- Cyan (12%)
- Magenta (81%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 74.111, 26.619 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 50, 74.111, 26.619 by changing the saturation by 10% instead.


 50, 74.111, 26.619  50, 74.111, 26.619

 100, 74.111,
26.619  40, 74.111, 26.619

 70, 74.111, 26.619  30, 74.111, 26.619

 80, 74.111, 26.619  20, 74.111, 26.619

 90, 74.111, 26.619  10, 74.111, 26.619

 0, 74.111, 26.619

 50, 74.111, 26.619  50, 74.111, 26.619

 48, 82.327, 31.087  53, 64.931, 22.772

 47, 89.192, 35.571  57, 55.098, 19.659

 47, 90.313, 36.251  62, 44.956, 17.207

67, 34.841, 15.284

72, 25.016, 13.761

78, 15.645, 12.534

84, 6.808, 11.498

90, 1.476, 191.160

96, 9.222, 190.141

Harmonies

Complementary

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



50, 74.111, 26.619



81, 46.365, 184.222

Rectangle

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



50, 74.111, 26.619



50, 74.111, 76.619



50, 74.111, 206.619



50, 74.111, 256.619

Sweetspot

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



50, 74.108, 26.621



85, 22.362, 13.117



52, 96.931, 324.065



43, 15.650, 13.579



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 74.108, 26.621



54, 95.963, 34.090



60, 65.612, 55.094



44, 4.763, 11.625



36, 74.794, 35.521



6, 25.343, 16.594

Inverse Universe

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



50, 74.108, 26.621



54, 95.963, 34.090



62, 43.150, 260.087



44, 4.763, 11.625



36, 74.794, 35.521



6, 25.343, 16.594

Previews

White Background



This preview shows how the CIELCh color 50, 74.111, 26.619 looks on a white 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

Black Background



This preview shows how the CIE LCh color 50, 74.111, 26.619 looks on a black 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

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

CIELCh 50, 74.111, 26.619

Background



This preview shows how black text looks on a background with the CIELCh color 50, 74.111, 26.619.



This preview shows how white text looks on a background with the CIELCh color 50, 74.111, 26.619.

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

50, 74.111, 26.619

Protanopia

50, 16.169, 93.950

Deuteranopia

50, 36.794, 79.593



Tritanopia
50, 76.518, 32.500

Trichromacy



Original Color
50, 74.111, 26.619

Protanomaly
48, 32.638, 34.510

Deuteranomaly
48, 45.912, 44.880

Tritanomaly
50, 75.433, 30.467

Monochromacy



Original Color
50, 74.111, 26.619

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 28.478, 15.531

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 74.111, 26.619 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(224, 49, 67)` looks like.

```
.text, #text, p{  
    color:rgb(224, 49, 67)  
}
```

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(224, 49, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 49, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 74.111, 26.619 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(224, 49, 67) }
```

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

```
.border{ border-color:rgb(224, 49, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 49, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 49, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 49, 67);  
box-shadow:4px 4px 4px 4px rgb(224, 49,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 74.111, 26.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 49, 67) }
```

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

```
.background{ background-color: rgb(224, 49,  
67) }
```

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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