

Converting Colors

CIELCh(48, 75.990, 27.362)

Have a look what the booklet for
CIELCh(48, 75.990, 27.362) contains.

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Color

CIELCh(48, 75.783, 27.203)

Conversions

Conversions Part 1

Format	Color
Hex	DB263C
RGB	219, 38, 60
RGB Percent	86%, 15%, 24%
CMY	0.1408, 0.8505, 0.7645
CMYK	0.00, 0.83, 0.73, 0.14
HSL	353°, 72%, 50%
HSV	353°, 83%, 86%
XYZ	30.7545, 16.7945, 5.9044
YIQ	94.6270, 100.8140, 45.2140

Conversions

Conversions Part 2

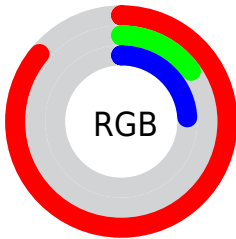
Format	Color
RYB	219, 38, 60
Decimal	14362172
CIELab	48.00, 67.40, 34.64
CIElCh	48, 75.783, 27.203
Yxy	16.7945, 0.5754, 0.3142
Android (android.graphics.Color)	4292552252 (0xFFDB263C)
YUV	94.6270, -17.0711, 109.0751
Hunter-Lab	40.9810, 62.2398, 20.1444

Details

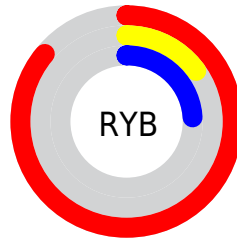
The CIELCh color **48, 75.783, 27.203** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **79, 47.470, 181.734**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 64.555, 25.749**, and **32, 67.196, 34.306** is the 20% darker color. If you saturate the color by 10%, you get **46, 83.132, 31.929**, and if you desaturate by 10%, it is **51, 67.379, 23.011**.

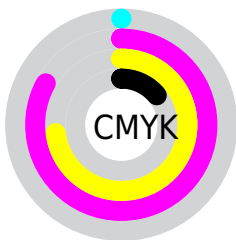
Distribution



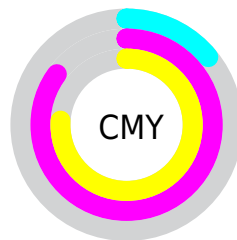
- Red (86%)
- Green (15%)
- Blue (24%)



- Red (86%)
- Yellow (15%)
- Blue (24%)



- Cyan (0%)
- Magenta (83%)
- Yellow (73%)
- Black (14%)



- Cyan (14%)
- Magenta (85%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 75.783, 27.203 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 48, 75.783, 27.203 by changing the saturation by 10% instead.

 48, 75.783, 27.203

 48, 75.783, 27.203

 100, 75.783,
27.203

 38, 75.783, 27.203

 68, 75.783, 27.203

 28, 75.783, 27.203

 78, 75.783, 27.203

 18, 75.783, 27.203

 88, 75.783, 27.203

 8, 75.783, 27.203

 98, 75.783, 27.203

 0, 75.783, 27.203

 48, 75.783, 27.203

 48, 75.783, 27.203

 46, 83.132, 31.929

 51, 67.379, 23.011

 46, 87.818, 35.244

 54, 58.165, 19.567

■ 58, 48.443, 16.837

■ 63, 38.559, 14.691

■ 68, 28.815, 12.994

■ 74, 19.422, 11.631

■ 80, 10.500, 10.506

■ 86, 2.098, 9.378

■ 92, 5.783, 188.982

Harmonies

Complementary

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



48, 75.783, 27.203



79, 47.470, 181.734

Rectangle

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



48, 75.783, 27.203



48, 75.783, 77.203



48, 75.783, 207.203



48, 75.783, 257.203

Sweetspot

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



48, 75.780, 27.205



83, 24.492, 11.961



50, 98.097, 323.489



42, 16.878, 12.437



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 75.780, 27.205



53, 98.284, 35.250



57, 68.880, 53.356



43, 4.689, 10.181



36, 73.113, 34.464



5, 23.723, 15.033

Inverse Universe

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



48, 75.780, 27.205



53, 98.284, 35.250



60, 43.126, 259.507



43, 4.689, 10.181



36, 73.113, 34.464



5, 23.723, 15.033

Previews

White Background



This preview shows how the CIELCh color 48, 75.783, 27.203 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 48, 75.783, 27.203 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 48, 75.783, 27.203

Background



This preview shows how black text looks on a background with the CIELCh color 48, 75.783, 27.203.



This preview shows how white text looks on a background with the CIELCh color 48, 75.783, 27.203.

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

48, 75.783, 27.203

Protanopia

48, 17.293, 96.005

Deuteranopia

48, 38.243, 80.666



Tritanopia
48, 79.959, 34.638

Trichromacy



Original Color
48, 75.783, 27.203

Protanomaly
45, 33.823, 33.625

Deuteranomaly
46, 47.419, 45.328

Tritanomaly
48, 78.247, 32.154

Monochromacy



Original Color
48, 75.783, 27.203

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 29.804, 15.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 75.783, 27.203 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(219, 38, 60)` looks like.

```
.text, #text, p{  
    color:rgb(219, 38, 60)  
}
```

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(219, 38, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 38, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 75.783, 27.203 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(219, 38, 60) }
```

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

```
.border{ border-color:rgb(219, 38, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 38, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 38, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 38, 60);  
box-shadow:4px 4px 4px 4px rgb(219, 38,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 75.783, 27.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 38, 60) }
```

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

```
.background{ background-color: rgb(219, 38,  
60) }
```

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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