

Converting Colors

CIELCh(74, 62.593, 93.651)

Have a look what the booklet for
CIELCh(74, 62.593, 93.651) contains.

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Color

CIELCh(74, 62.425, 93.445)

Conversions

Conversions Part 1

Format	Color
Hex	CFB53B
RGB	207, 181, 59
RGB Percent	81%, 71%, 23%
CMY	0.1877, 0.2897, 0.7681
CMYK	0.00, 0.13, 0.71, 0.19
HSL	49°, 61%, 52%
HSV	49°, 71%, 81%
XYZ	43.1154, 46.7039, 10.8983
YIQ	174.8660, 54.6580, -32.4300

Conversions

Conversions Part 2

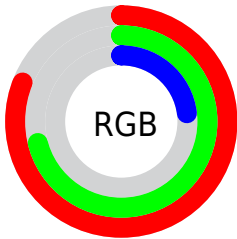
Format	Color
R _Y B	91, 207, 59
Decimal	13612347
CIE Lab	74.00, -3.75, 62.31
CIE LCh	74, 62.425, 93.445
Yxy	46.7039, 0.4281, 0.4637
Android (android.graphics.Color)	4291802427 (0xFFCFB53B)
YUV	174.8660, -57.1219, 28.1815
Hunter-Lab	68.3403, -6.9811, 38.3831

Details

The CIELCh color **74, 62.425, 93.445** is a dark color, and the websafe version is hex **CC9933**, and the color name is **old gold**. The color can be described as middle muted orange. A complement of this color would be **41, 73.156, 295.677**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 61.416, 98.272**, and **54, 59.314, 93.527** is the 20% darker color. If you saturate the color by 10%, you get **73, 68.394, 92.235**, and if you desaturate by 10%, it is **75, 54.985, 94.648**.

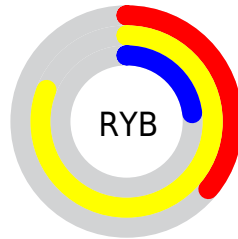
Distribution



Red (81%)

Green (71%)

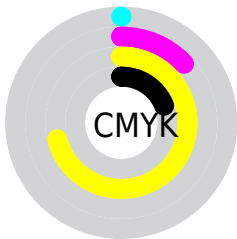
Blue (23%)



Red (36%)

Yellow (81%)

Blue (23%)

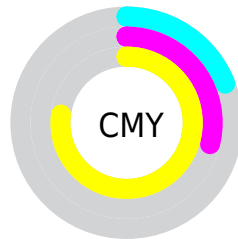


Cyan (0%)

Magenta (13%)

Yellow (71%)

Black (19%)



Cyan (19%)

Magenta (29%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 62.425, 93.445 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 74, 62.425, 93.445 by changing the saturation by 10% instead.

 74, 62.425, 93.445

 74, 62.425, 93.445

 100, 62.425,
93.445

 64, 62.425, 93.445

 94, 62.425, 93.445

 54, 62.425, 93.445

 44, 62.425, 93.445

 34, 62.425, 93.445

 24, 62.425, 93.445

 14, 62.425, 93.445

 4, 62.425, 93.445

 0, 62.425, 93.445

 74, 62.425, 93.445

 74, 62.425, 93.445

73, 68.394, 92.235

75, 54.985, 94.648

72, 72.234, 90.975

76, 46.653, 95.846

71, 73.857, 89.838

78, 37.829, 97.043

79, 28.763, 98.230

80, 19.604, 99.399

82, 10.436,
100.539

83, 1.309, 101.553

84, 7.752, 282.759

86, 16.733,
283.780

Harmonies

Complementary

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



74, 62.425, 93.445



41, 73.156, 295.677

Rectangle

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



74, 62.425, 93.445



74, 62.425, 143.445



74, 62.425, 273.445



74, 62.425, 323.445

Sweetspot

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



74, 62.425, 93.448



96, 22.718, 99.422



48, 62.139, 17.726



51, 15.383, 99.098



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 62.425, 93.448



87, 82.856, 91.541



78, 74.028, 119.139



43, 5.207, 100.765



59, 63.365, 90.053



13, 19.464, 93.594

Inverse Universe

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



41, 73.156, 295.677



42, 106.013, 300.155



39, 87.605, 307.880



41, 5.275, 282.942



23, 87.418, 303.022



3, 22.468, 288.695

Previews

White Background



This preview shows how the CIELCh color 74, 62.425, 93.445 looks on a white background.

Color Contrast Check

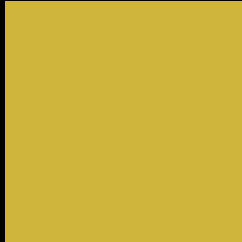
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 62.425, 93.445 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 ✓ Pass

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

CIELCh 74, 62.425, 93.445

Background



This preview shows how black text looks on a background with the CIELCh color 74, 62.425, 93.445.



This preview shows how white text looks on a background with the CIELCh color 74, 62.425, 93.445.

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


74, 62.425, 93.445

Protanopia

74, 62.455, 95.114

Deuteranopia

74, 62.637, 81.146



Tritanopia
74, 19.575, 0.313

Trichromacy



Original Color
74, 62.425, 93.445

Protanomaly
74, 62.539, 94.711

Deuteranomaly
74, 62.104, 85.773

Tritanomaly
73, 25.847, 68.237

Monochromacy



Original Color
74, 62.425, 93.445

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 24.081, 97.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 62.425, 93.445 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(207, 181, 59)` looks like.

```
.text, #text, p{  
    color:rgb(207, 181, 59)  
}
```

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(207, 181, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 181, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 62.425, 93.445 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(207, 181, 59) }
```

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

```
.border{ border-color:rgb(207, 181, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 181, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 181, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 181, 59);  
box-shadow:4px 4px 4px 4px rgb(207, 181,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 62.425, 93.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 181, 59) }
```

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

```
.background{ background-color: rgb(207,  
181, 59) }
```

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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