

Writing a real valued expression in a form that does not include $\sqrt{-1}$

Source: <http://sci.tech-archive.net/Archive/sci.math/2008-05/msg01655.html>

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 - *Date:* Sun, 11 May 2008 10:01:16 -0700 (PDT)
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I was wondering if the following real-valued expression (obtained with a CAS) could be written in a form that does not include the imaginary unit (denoted by i here). I would like to do this without using trigonometric functions (actually this expression is equal to $\cos(\pi/9)$)

$$(1/2)*((1 + i*\sqrt{3})/2)^{1/3} + (4*(1 + i*\sqrt{3}))^{-1/3}$$

Is this possible?

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